

# **2011 Tennessee Census of Fatal Occupational Injuries**

## **The Occupational Injuries and Illnesses Survey**



**Prepared by The Tennessee Department of  
Labor & Workforce Development Labor  
Research & Statistics Division in  
Cooperation with the U.S. Department of  
Labor Bureau of Labor Statistics**

**CENSUS OF FATAL OCCUPATIONAL INJURIES  
AND  
OCCUPATIONAL INJURIES AND ILLNESSES SURVEY  
TENNESSEE, 2011**

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**In cooperation with the  
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**Census of Fatal Occupational Injuries  
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## History of BLS Safety and Health Statistical Programs

The seeds for safer workplaces through improving knowledge were sown at the beginning of the 20th century. Back then, the Bureau of Labor Statistics fielded its first full-scale survey of safety and health conditions in American workplaces, with its 1912 study of industrial accidents in the iron and steel industry. Paralleling its interest in worker safety, the Bureau also sponsored the pioneering work of industrial hygienists, such as Dr. Alice Hamilton's early 20th century research on lead poisoning in the workplace. Other BLS studies of individual industries and safety and health topics followed, but it was not until the late 1930s that injury recordkeeping was sufficiently uniform to permit the collection of nationwide work injury data.

Once the American Standard Method of Measuring and Recording Work Injury Experience (the Z16.1 standard) was accepted by employers and statistical agencies, the BLS launched an annual nationwide survey of work injuries that resulted in death, permanent impairment, or temporary disability (unable to perform a regularly established job beyond the day of injury). Spanning three decades, these surveys proved useful in measuring and monitoring injury frequency and severity; however, they had some major limitations: first, the work injury data were compiled only from employers who volunteered to record and report that information; second, only disabling injuries defined in the Z16.1 standard were counted. Thus, numerous work injuries that required medical treatment but did not result in a full day away from work were excluded from the survey estimates, as were, with few exceptions, occupational illnesses. These and other limitations eventually were addressed in a major piece of safety legislation passed by the Congress in the waning days of 1970.

The Occupational Safety and Health Act of 1970 was passed to ensure "so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources" (PL 91-596, 1970). As a result of this legislation, the Occupational Safety and Health Administration (OSHA) was created under the assistant secretary of labor for occupational safety and health to enforce the regulations established by the 1970 act. Very specific language in the act gave an indication that Congress recognized statistics on workplace injuries and diseases were essential to an effective national program of prevention. The act, among other things, directed the Secretary of Labor to issue regulations to require employers to maintain records on workplace injuries and illnesses. The Secretary of Labor was also directed to compile accurate statistics on occupational injuries and illnesses and to make periodic reports on such occurrences.

The responsibility for collecting statistics on occupational injuries and illnesses was delegated to the Bureau of Labor Statistics (BLS). In order to further the purposes of this act, the language was quite specific: "the Secretary shall compile accurate statistics on work injuries and illnesses that shall include all disabling, serious or significant injuries and illnesses, whether or not involving loss of time from work other than minor injuries requiring only first aid treatment and which do not involve medical treatment, loss of consciousness, restriction of work or motion, or transfer to another job." The purposes of the act are quite comprehensive and include the establishment of occupational safety and health standards, carrying out inspections and investigations, ensuring the maintenance of recordkeeping by employers on occupational injuries and illnesses, requiring reporting by employers of work-related deaths, and conducting research relating to occupational safety and health.

OSHA is charged with the responsibility of enforcing the provisions of the 1970 act, and BLS is the collector of statistics.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, from the BLS website at <http://data.bls.gov/iif/oshhist.htm>

# TABLE OF CONTENTS

## HISTORY OF BLS SAFETY AND HEALTH STATISTICAL PROGRAMS

I. CENSUS OF FATAL OCCUPATIONAL INJURIES	
A. INTRODUCTION	1
B. MAJOR FINDINGS	2
C. NUMBER / PERCENT DISTRIBUTION OF FATAL OCCUPATIONAL INJURIES, TENNESSEE, 2011 CHARTS	
Chart 1: Number of fatal occupational injuries, Tennessee, 2002-2011	4
Chart 2: Number of fatal occupational injuries by select race or ethnic origin, Tennessee, 2002-2011	5
Chart 3: Number of fatal occupational injuries by month of death, Tennessee, 2011	6
Chart 4: Number of fatal occupational injuries by day of week of incident, Tennessee, 2011	7
Chart 5: Number of fatal occupational injuries by event or exposure, Tennessee, 2011	8
Chart 6: Number of fatal occupational injuries by age group, Tennessee, 2011	9
Chart 7: Number of fatal occupational injuries by worker occupational group, Tennessee, 2011	10
Chart 8: Percent distribution of fatal occupational injuries by worker activity, Tennessee, 2011	11
Chart 9: Percent distribution of fatal occupational injuries by gender, Tennessee, 2011	12
Chart 10: Percent distribution of fatal occupational injuries by location of injury, Tennessee, 2011	12
D. NUMBER OF FATAL OCCUPATIONAL INJURIES, TENNESSEE, 2011 TABLES	
Table 1: Number of fatal occupational injuries by worker characteristics and event or exposure, Tennessee, 2011	14
E. NUMBER OF FATAL OCCUPATIONAL INJURIES, UNITED STATES, 2011 CHARTS	
Chart 11: Number of fatal occupational injuries, United States, 2002-2011	18
Chart 12: Number of fatal occupational injuries by State, United States, 2011	19
Chart 13: States with the greatest number of fatal occupational injuries, United States, 2011	20
F. NUMBER / PERCENT DISTRIBUTION OF FATAL OCCUPATIONAL INJURIES, UNITED STATES, 2011	
Table 2: Number of fatal occupational injuries by State and event or exposure, United States, 2011	22
Table 3: Number of fatal occupational injuries by worker characteristics and event or exposure, United States, 2011	23
Table 4: Number of fatal occupational injuries by selected major industry and event or exposure, United States, 2011	24
II. SURVEY OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES	
G. INTRODUCTION	32
H. METHODS FOR CALCULATING INCIDENCE RATES	33
I. MAJOR FINDINGS	34
J. NUMBER / PERCENT DISTRIBUTION OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES, TENNESSEE, 2011 CHARTS	
Chart 14: Incidence rates of nonfatal occupational injuries and illnesses by select major industry sector, TN, 2009-2011	36
Chart 15: Percent distribution of nonfatal injuries and illnesses involving DAFW by day of week, Tennessee, 2011	37
Chart 16: Percent distribution of nonfatal injuries and illnesses involving DAFW by employee age group, TN, 2011	38
Chart 17: Percent distribution of nonfatal injuries and illnesses involving DAFW by part of body affected, TN, 2011	39
K. NUMBER / PERCENT DISTRIBUTION OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES, TENNESSEE, 2011 TABLES	
Table 5: Incidence rates of nonfatal occupational injuries and illnesses by major industry sector, Tennessee, 2009-2011	41
Table 6: Incidence rates of nonfatal injuries and illnesses by industry sector and case types, Tennessee, 2009-2011	42
Table 7: Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, Tennessee, 2011	43
L. NUMBER / PERCENT DISTRIBUTION OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES, UNITED STATES, 2011 CHARTS	
Chart 18: Incidence rates of nonfatal occupational injuries and illnesses by State, United States, 2011	53
Chart 19: Incidence rates of nonfatal occupational injuries and illnesses by major industry sector, U.S., 2009-2011	54
Chart 20: Percent distribution of nonfatal occupational injuries and illnesses by nature of injury or illness, U.S., 2011	55
Chart 21: Percent distribution of nonfatal occupational injuries and illnesses by part of body affected, U.S., 2011	56
Chart 22: Percent distribution of nonfatal occupational injuries and illnesses by event or exposure, United States, 2011	57
M. NUMBER / PERCENT DISTRIBUTION OF NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES, UNITED STATES, 2011 TABLES	
Table 8: Incidence rates of nonfatal occupational injuries and illnesses by State, United States, 2011	59
Table 9: Incidence rates of occupational injuries and illnesses by industry and selected case types, U.S., 2009-2011	60
Table 10: Incidence rates of nonfatal occupational injuries and illnesses by industry and case types, United States, 2011	61
APPENDICES	
A. CENSUS OF FATAL OCCUPATIONAL INJURIES: DEFINITIONS	
B. OCCUPATIONAL INJURIES AND ILLNESSES: TECHNICAL NOTES	
STATE OF TENNESSEE POLICY OF NONDISCRIMINATION	

# **Section I**

## **Census of Fatal Occupational Injuries 2011**

## INTRODUCTION

The Census of Fatal Occupational Injuries (CFOI), administered by the Bureau of Labor Statistics (BLS) in conjunction with the Tennessee Department of Labor and Workforce Development, compiles detailed information on all work-related fatalities occurring in the State of Tennessee. The program is based upon the 1987 recommendations of the National Academy of Sciences and the Keystone Dialogue Group that emphasized the need for a reliable measure of occupational fatalities. In response to these recommendations, the CFOI program was developed to produce accurate, comprehensive, descriptive, timely, and accessible counts of fatal workplace injuries that occur during a given year.

To ensure the most inclusive count of work-related fatalities, the Census uses a broad definition of fatal occupational injury. The Census includes fatal occupational injuries that occur to self-employed persons, those engaged in farm operations, traffic accidents in which the person was in work status, incidents at a person's work facility, and to government employees. Fatalities that occur during a person's commute to or from work are excluded from the Census.

In an effort to compile counts that are as complete as possible, the fatality Census uses diverse sources to identify, verify, and profile fatal work injuries. Source documents such as death certificates, workers' compensation reports, and Federal and State agency administrative records are cross-referenced to gather key information about each workplace fatality such as the occupation in which the decedent worked, worker demographics, equipment or machinery involved, and other circumstances of the event. Two or more independent source documents are used to verify the work relationship of each fatal work injury. The CFOI definitions located in Appendix A explain the CFOI work relationship criteria. The CFOI program compiles the most complete, verifiable count of fatal occupational injuries in the United States. Fatal illnesses are excluded from the statistical tables due to the latency period of many occupational illnesses along with the difficulty of relating the illness to work-related events.

Data compiled by the CFOI program are issued annually. These data are used by safety and health professionals, policy analysts, and researchers to assist in the prevention of fatal work-related injuries in the following ways:

- Inform workers of life threatening hazards associated with various jobs
- Promote safer work practices through enhanced job safety training
- Develop new safety equipment
- Assess and improve workplace safety standards
- Identify new areas for safety research

This report was prepared by the Labor Research and Statistics Division of the Tennessee Department of Labor and Workforce Development under the administration of Commissioner Karla Davis and Administrator Arthur Franklin, Jr., and under the direction of the Division Supervisor, Kenneth B. Wolentarski. Mr. Wolentarski supervised the preparation of this publication by staff members Mohammad Hossain, Cody Waddey, and Christopher Turner.

For additional information on work fatalities in Tennessee, call (615) 741-1749, (800) 778-3966, e-mail the Division Supervisor at [Kenneth.Wolentarski@tn.gov](mailto:Kenneth.Wolentarski@tn.gov), or access our Web site at <http://tennessee.gov/labor-wfd/rslabor.html>.

You may also write to the Tennessee Department of Labor and Workforce Development, Labor Research and Statistics, 220 French Landing Drive, Nashville, TN 37243-1002. All material in this publication is in the public domain and may, with appropriate credit, be reproduced without permission.

For additional information on work fatalities in the United States call (202) 691-6175, or e-mail [cfoistaff@bls.gov](mailto:cfoistaff@bls.gov), or access the Internet site at <http://www.bls.gov/iif/oshcfoi1.htm>.

If any information is inaccessible due to a disability, please e-mail [accessible@bls.gov](mailto:accessible@bls.gov) with your request for information and the desired format.

## Census of Fatal Occupational Injuries

### Major Findings - Tennessee, 2011 (\*120 Fatalities)

- ① There were 120 fatal occupational injuries in Tennessee during 2011
  - Fatal occupational injuries decreased 13 percent from the 138 recorded in Tennessee during 2010
  - There were 86 fatalities to wage and salary workers and 34 to self-employed persons
  - There were 107 fatal work injuries to men and 13 to women during 2011
  - People with the race of White, non-Hispanic accounted for 100 of the 120 work-related fatalities in 2011
- ② Thirty-three percent of the fatal occupational injuries were the result of a transportation incident
  - Twenty-two percent of fatal work injuries were due to violence and other injuries by persons or animals
  - Twenty percent of fatal work injuries were due to contact with objects or equipment
  - There were 15 work-related fatalities in May, the most in any single month during 2011
  - There were five work-related fatalities in February, the least in any single month during 2011.
- ③ Twenty-four percent of the work fatalities in 2011 occurred to transportation and material moving workers
  - Nineteen percent of the fatal work injuries occurred to construction and extraction workers
  - Thirty-five percent occurred during vehicle and transportation operations
  - Twenty percent occurred while constructing, repairing, or cleaning
  - Thirty-two percent of the fatal work injuries occurred on a street or highway

#### Fatal Occupational Injuries - Tennessee, 2011

Worker Characteristics	Total Fatalities (Number)	Event or Exposure					
		Transportation incidents	Violence and other injuries by persons or animals	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total.....	120	39	26	24	15	5	10
<b>Employee Status</b>							
Wage and Salary Workers.....	86	29	16	17	9	5	9
Self-employed.....	34	10	10	7	6	--	1
<b>Gender</b>							
Men.....	107	35	21	24	13	5	9
Women.....	13	4	5	--	--	--	1
<b>Age</b>							
Under 25 years.....	--	--	--	1	--	--	--
25 to 34 years.....	18	5	5	--	--	--	5
35 to 44 years.....	31	12	4	8	3	--	2
45 to 54 years.....	28	7	6	6	6	1	2
55 to 64 years.....	23	9	5	4	3	--	1
65 and over.....	18	6	5	3	3	1	--

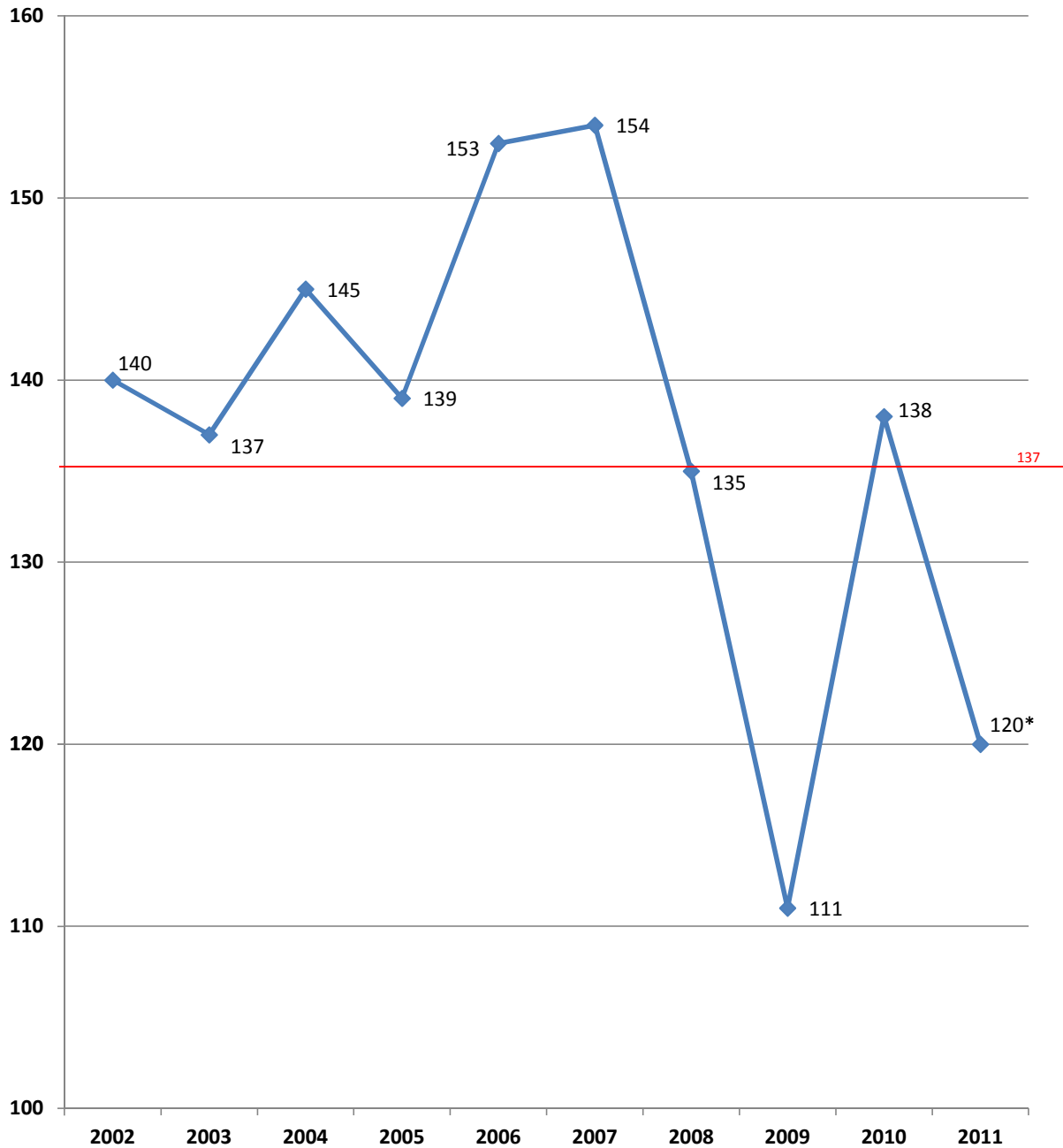
\* Data for 2011 are preliminary.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown.

**Census of Fatal  
Occupational Injuries  
Tennessee, 2011 Charts**



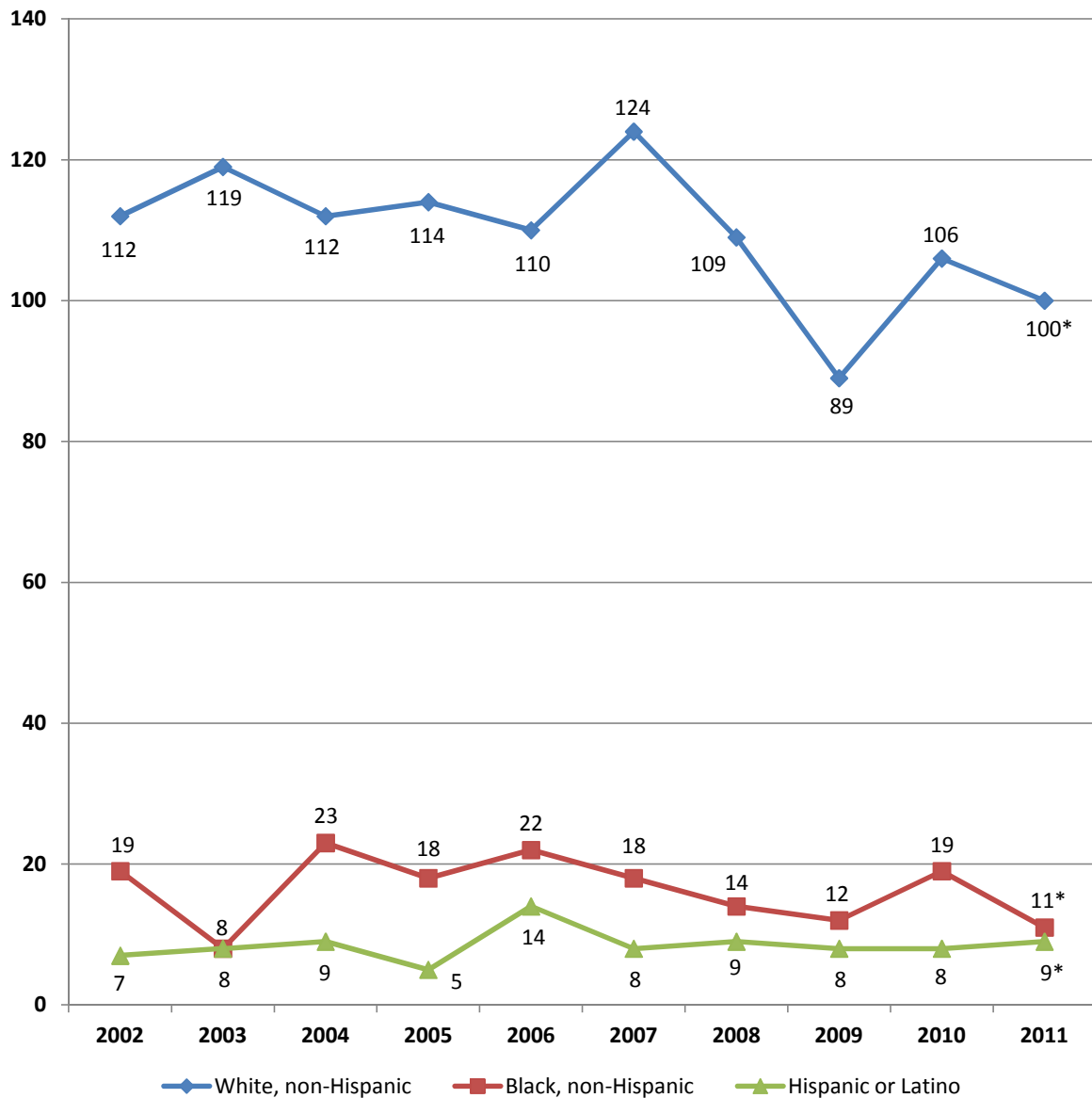
**Chart 1. Number of Fatal Occupational Injuries**  
Tennessee, 2002 - 2011



The number of work-related fatal injuries in Tennessee decreased 13 percent from 2010 to 2011. The 120 fatal injuries in 2011 was also significantly lower than the 10-year average of 137.

\* Data for 2011 are preliminary.

**Chart 2. Number of Fatal Occupational Injuries  
by Select Race or Ethnic Origin<sup>1</sup>**  
Tennessee, 2002 - 2011

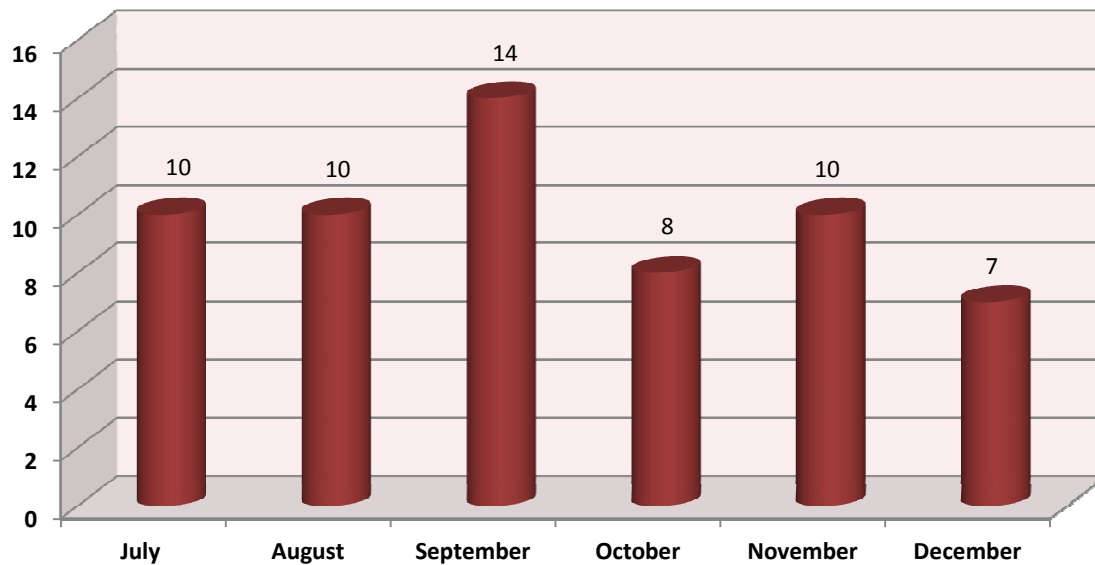
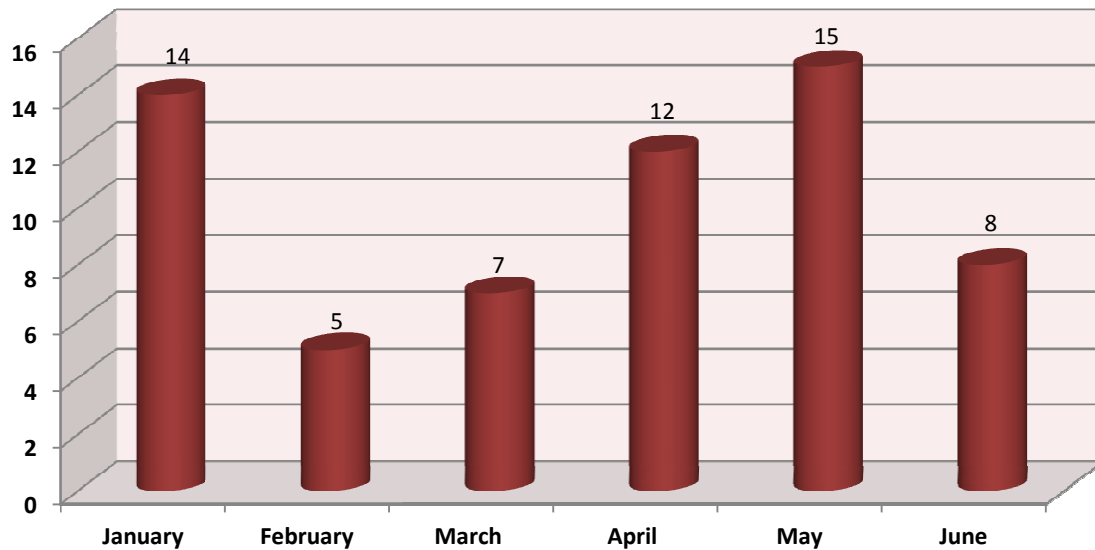


There were 100 fatal work-related injuries to persons identified as White, non-Hispanic during 2011 in Tennessee. This was below the 10-year average of 109.5 fatal work injuries. The same holds true for those identified as Black, non-Hispanic where the 2011 total of 11 fatalities was lower than the 10-year average of 16.4 fatal work injuries.

<sup>1</sup> Persons identified as Hispanic or Latino may be of any race.

\* Data for 2011 are preliminary.

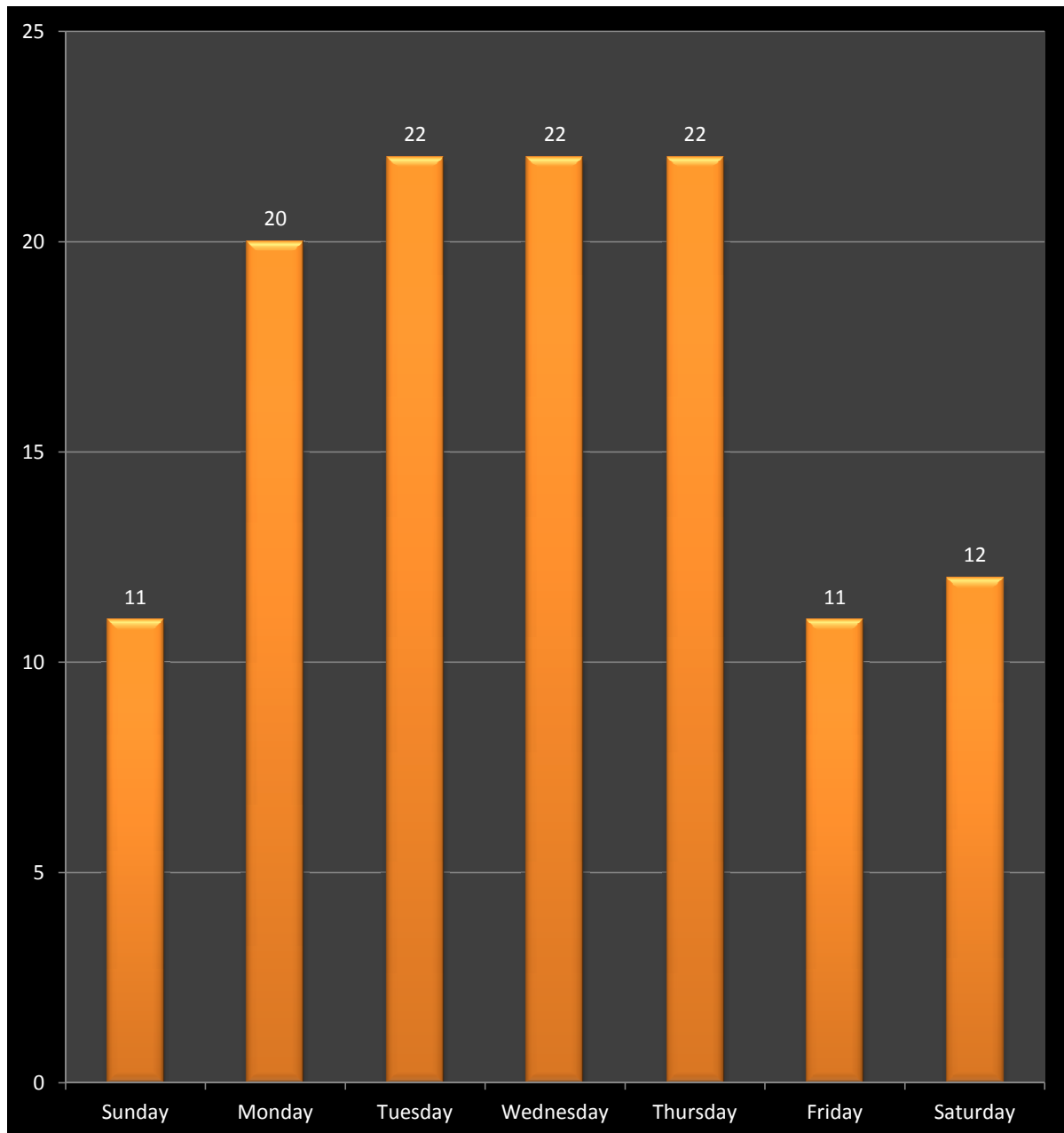
**Chart 3. Number of Fatal Occupational Injuries  
by Month of Death**  
Tennessee, 2011 (\*120 Fatalities)



There were 61 fatal work-related injuries in Tennessee during the first six months of the year and 59 fatal work-related injuries during the last six months of 2011. The greatest number of fatalities occurred during the month of May when there were 15 fatal work-related injuries while the month of February saw the fewest number of work-related fatalities.

\* Data for 2011 are preliminary.

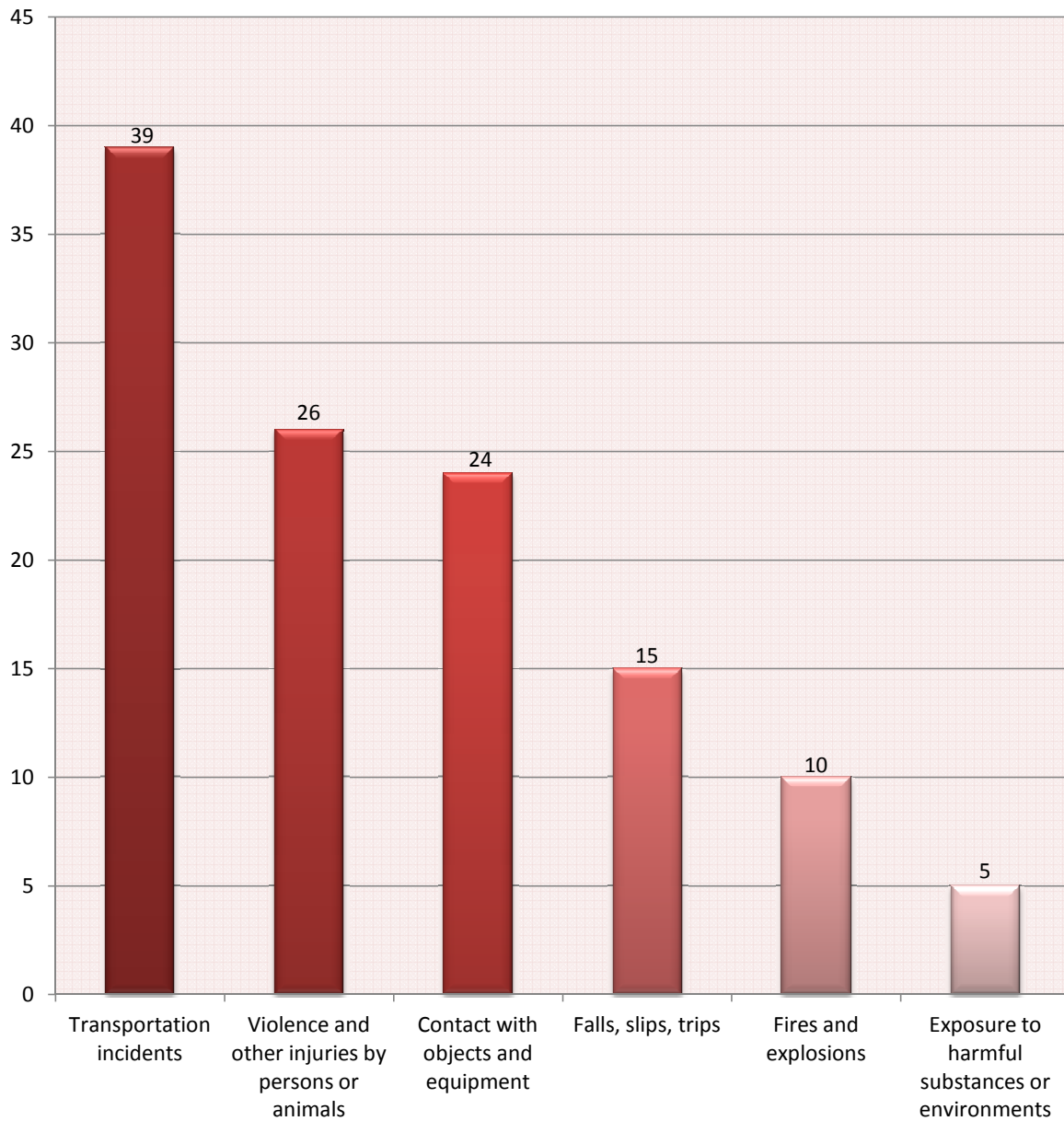
**Chart 4. Number of Fatal Occupational Injuries  
by Day of Week of Incident**  
Tennessee, 2011 (\*120 Fatalities)



The number of work-related fatal injuries was sharply divided into two categories. The average number of fatalities occurring during Monday, Tuesday, Wednesday, or Thursday was 21.5, while the average number of fatalities occurring on Friday, Saturday, or Sunday was 11.3.

\* Data for 2011 are preliminary.

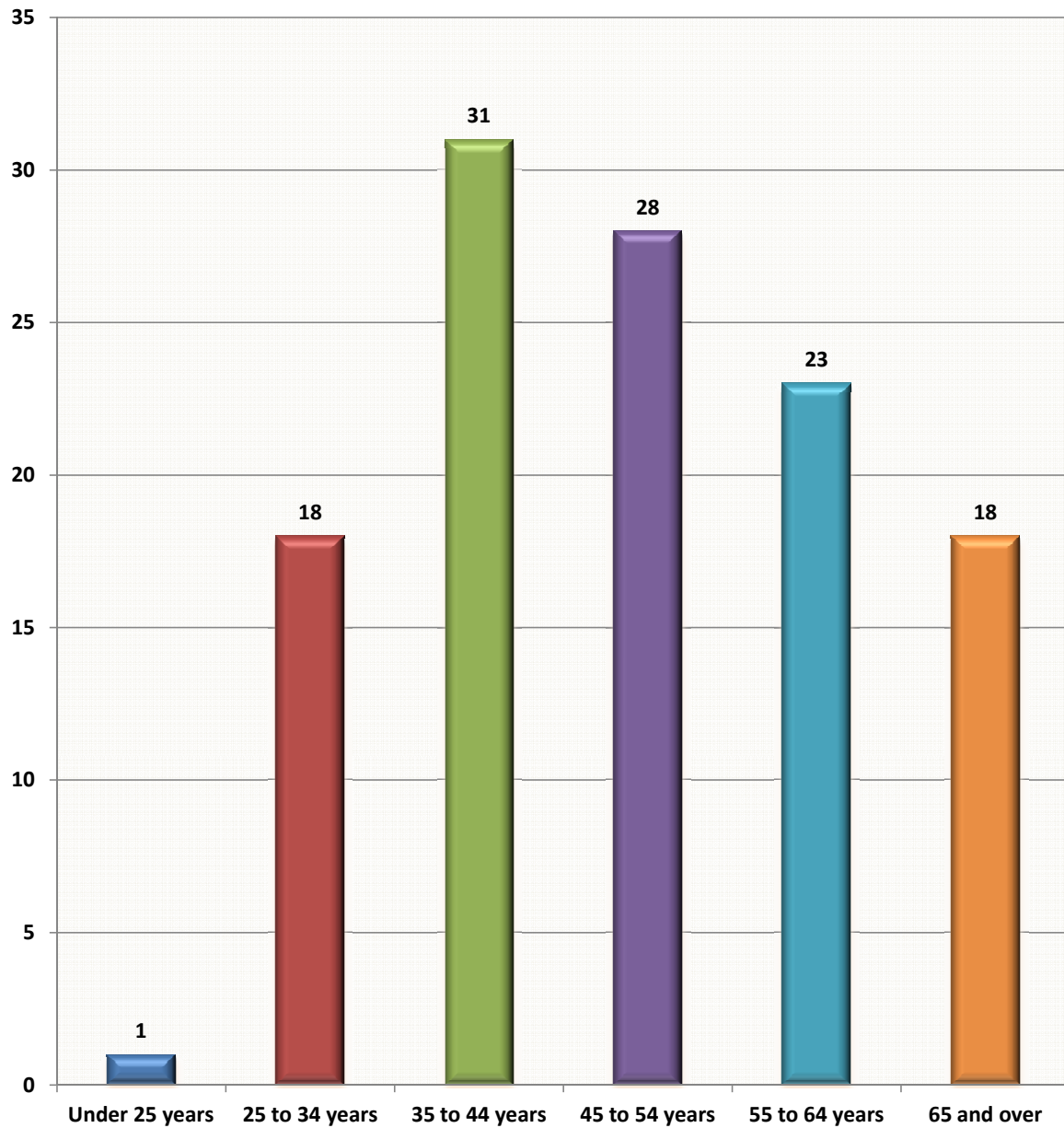
**Chart 5. Number of Fatal Occupational Injuries  
by Event or Exposure**  
Tennessee, 2011 (\*120 Fatalities)



Thirty-three percent of the fatal occupational injuries in Tennessee during 2011 were the result of a transportation incident.  
Twenty-two percent of the fatal work-related injuries were the result of violence and other injuries by persons or animals.

\* Data for 2011 are preliminary.

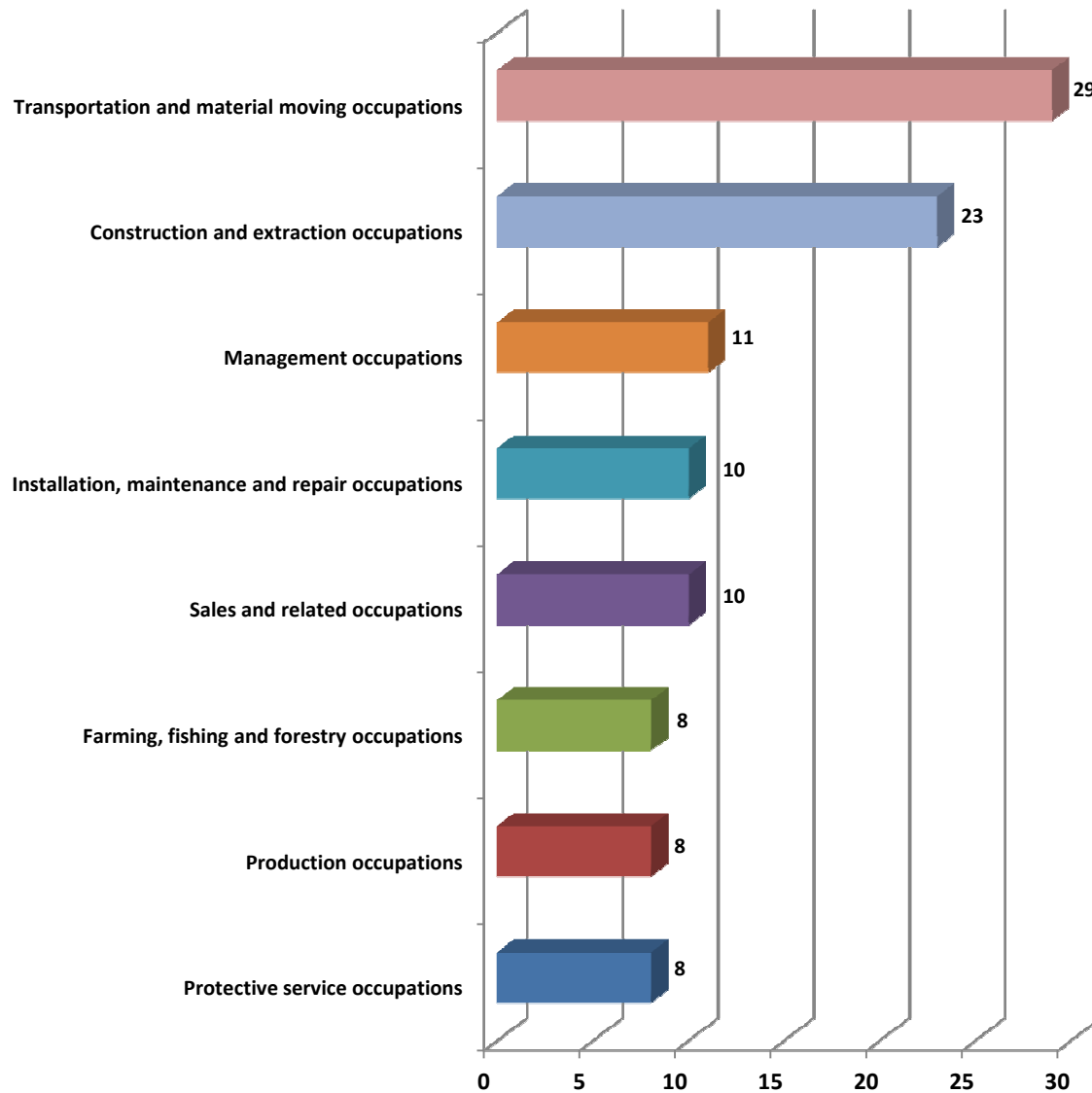
**Chart 6. Number of Fatal Occupational Injuries  
by Age Group**  
Tennessee, 2011 (\*120 Fatalities)



Workers between the ages of 35 and 44 experienced the greatest number of work-related fatalities in Tennessee during 2011. This age group sustained 31 of the 120 work-related fatalities, or 26 percent of the total.

\* Data for 2011 are preliminary.

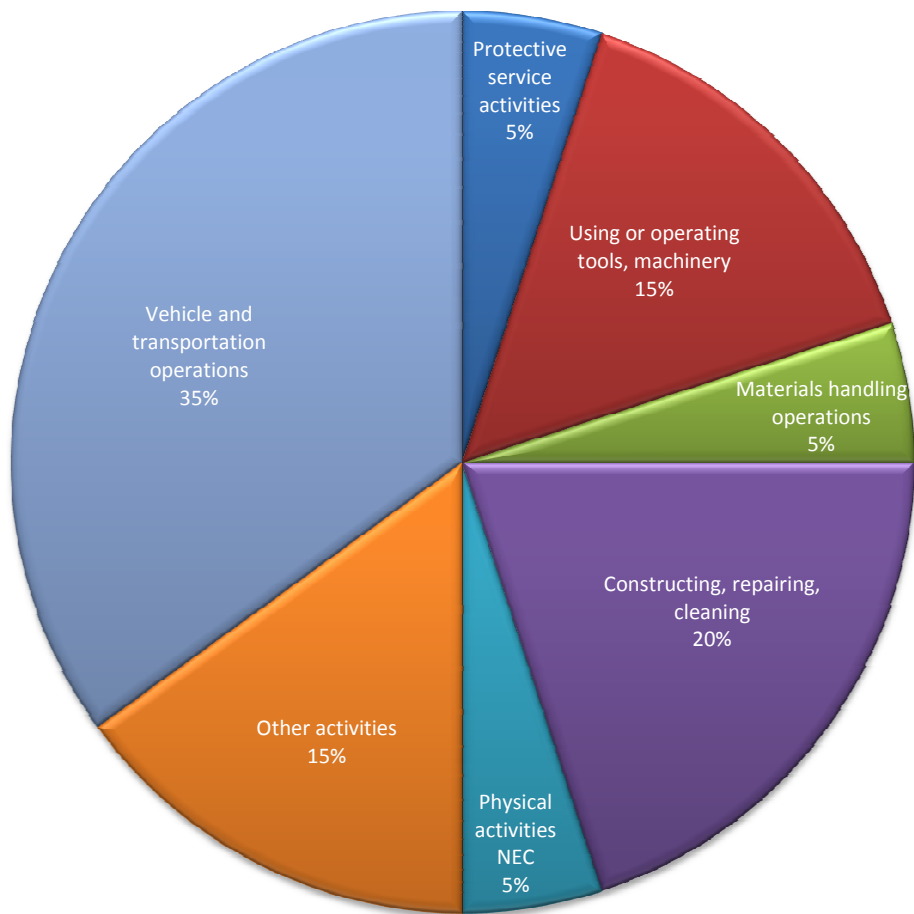
**Chart 7. Number of Fatal Occupational Injuries  
by Major Occupational Group**  
Tennessee, 2011 (\*120 Fatalities)



Workers in transportation and material moving occupations sustained 24 percent of the fatal work-related injuries in Tennessee during 2011. Those employed in construction and extraction occupations suffered nineteen percent of the fatal work-related injuries.

\* Data for 2011 are preliminary.

**Chart 8. Percent Distribution of Fatal Occupational Injuries by Worker Activity**  
Tennessee, 2011 (\*120 Fatalities)

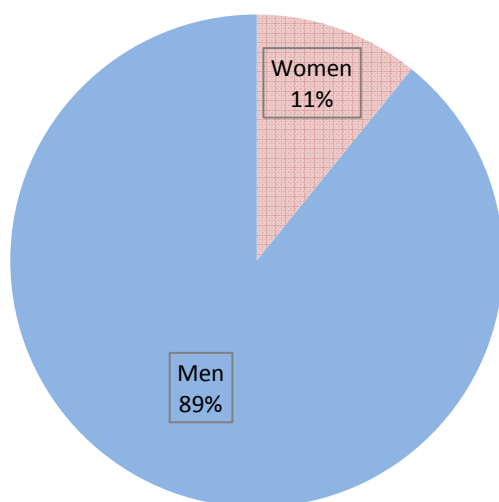


Workers involved in vehicle and transportation operations activities suffered 35 percent of the 120 fatal work-related injuries in Tennessee during 2011. Those workers who were involved in constructing, repairing, or cleaning activities when they were injured accounted for 20 percent of the 2011 total.

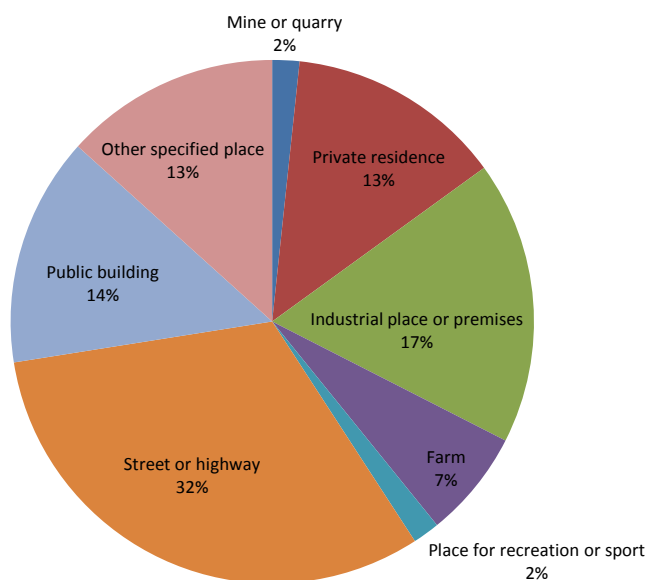
\* Data for 2011 are preliminary.



**Chart 9. Percent Distribution of Fatal Occupational Injuries by Gender**  
Tennessee, 2011 (\*120 Fatalities)



**Chart 10. Percent Distribution of Fatal Occupational Injuries by Location of Injury**  
Tennessee, 2011 (\*120 Fatalities)



\* Data for 2011 are preliminary.

**Census of Fatal  
Occupational Injuries  
Tennessee, 2011 Tables**

**Table 1. Fatal Occupational Injuries by Worker Characteristics  
and Event or Exposure, Tennessee, 2011 (\*120 Fatalities)**

Selected characteristics	2011						
	Total	Event or Exposure <sup>1</sup>					
		Violence and other injuries by persons or animals	Transportation incidents	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Total</b>	120	26	39	10	15	5	24
<b>Employee Status</b>							
Wage and Salary <sup>2</sup>	86	16	29	9	9	5	17
Self-Employed <sup>3</sup>	34	10	10	1	6	--	7
<b>Gender</b>							
Men	107	21	35	9	13	5	24
Women	13	5	4	1	--	--	--
<b>Age</b>							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	--	--	--	--	--	--	1
20 to 24 years	--	--	--	--	--	--	--
25 to 34 years	18	5	5	5	--	--	--
35 to 44 years	31	4	12	2	3	--	8
45 to 54 years	28	6	7	2	6	1	6
55 to 64 years	23	5	9	1	3	--	4
65 and over	18	5	6	--	3	1	3
<b>Race or ethnic origin <sup>4</sup></b>							
White (non-Hispanic)	100	21	34	8	13	3	20
Black or African-American (non-Hispanic)	11	3	4	--	--	--	--
Hispanic or Latino	9	--	--	--	--	--	--
<b>Industry (NAICS) <sup>5</sup></b>							
Private Industry <sup>6</sup>	107	22	35	10	14	4	22
Goods Producing	48	--	10	9	9	3	15
Natural resources and mining	16	--	4	1	--	--	7
Agriculture, forestry, fishing, and hunting	14	--	4	1	--	--	5
Mining <sup>7</sup>	2	--	--	--	--	--	--
Construction	18	--	4	--	8	--	4
Manufacturing	14	--	--	8	--	--	4

See footnotes at end of table.

Table 1. Fatal Occupational Injuries by Selected Characteristics, by Major Events or Exposures, Tennessee, 2011 - continued

Selected characteristics	2011						
	Total	Violence and other injuries by persons or animals	Transportation incidents	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Service providing	59	20	25	1	5	1	7
Trade, transportation, and utilities	29	5	17	1	--	--	5
Wholesale trade	1	--	1	--	--	--	--
Retail trade	9	5	1	1	--	--	--
Transportation and warehousing	17	--	15	--	--	--	--
Utilities	2	--	--	--	--	--	2
Information	--	--	--	--	--	--	--
Financial activities	4	3	--	--	--	--	--
Finance and insurance	1	1	--	--	--	--	--
Real estate and rental and leasing	3	2	--	--	--	--	--
Professional and business services	10	3	4	--	--	1	--
Professional, scientific, and technical services	2	--	1	--	1	--	--
Management of companies and enterprises	--	--	--	--	--	--	--
Administrative and waste services	8	3	3	--	--	1	--
Education and health services	7	--	4	--	--	--	--
Educational services	4	1	2	--	--	--	--
Health care and social assistance	3	--	--	--	--	--	--
Leisure and hospitality	5	5	--	--	--	--	--
Arts, entertainment, and recreation	1	1	--	--	--	--	--
Accommodation and food services	4	4	--	--	--	--	--
Other services	3	2	--	--	--	--	1
Government <sup>6</sup>	13	4	4	--	1	1	--
Federal	2	--	2	--	--	--	--
State	2	--	2	--	--	--	--
Local	9	4	--	--	1	1	--
<b>Occupation (SOC) <sup>8</sup></b>							
Management, professional, and related occupations	18	7	7	--	--	--	--
Management occupations	11	6	4	--	--	--	--
Architecture and engineering occupations	2	--	1	--	1	--	--
Education, training, and library occupations	1	--	--	--	--	--	--
Healthcare practitioners and technical occupations	4	--	--	--	--	--	--

See footnotes at end of table.

**Table 1. Fatal Occupational Injuries by Selected Characteristics, by Major Events or Exposures, Tennessee, 2011 - continued**

Selected characteristics	2011						
	Total	Violence and other injuries by persons or animals	Transportation incidents	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Service occupations</b>	12	8	3	--	--	--	--
Protective service occupations	8	6	2	--	--	--	--
Food preparation and serving related occupations	1	--	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	--	--	1	--	--	--	--
Personal care and service occupations	1	1	--	--	--	--	--
<b>Sales and office occupations</b>	10	6	1	1	--	--	--
Sales and related occupations	10	6	1	1	--	--	--
<b>Natural resources, construction, and maintenance occupations</b>	41	2	5	5	11	3	15
Farming, fishing, and forestry occupations	8	1	--	1	--	--	4
Construction and extraction occupations	23	--	4	--	8	--	8
Installation, maintenance, and repair occupations	10	1	1	3	--	--	3
<b>Production, transportation, and material moving occupations</b>	37	3	21	4	--	1	7
Production occupations	8	--	--	4	--	--	4
Transportation and material moving occupations	29	3	21	--	--	1	3
<b>Military specific occupations <sup>9</sup></b>	2	--	2	--	--	--	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>2</sup> May include volunteers and workers receiving other types of compensation.

<sup>3</sup> Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, members of partnerships, and may include owners of incorporated businesses.

<sup>4</sup> Persons identified as Hispanic or Latino may be of any race. The individual racial categories shown exclude data for Hispanic and Latino workers.

<sup>5</sup> Industry data from 2003 to 2008 are classified using the 2002 North American Industry Classification System, Industry data from 2009 to the present are classified using the North American Industry Classification System, 2007.

<sup>6</sup> Includes all fatal occupational injuries meeting this ownership criterion across all specified years, regardless of industry classification system.

<sup>7</sup> Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

<sup>8</sup> Occupation data from 2003 to 2010 are based on the Standard Occupational Classification system, 2000. Occupation data from 2011 to the present are based on the Standard Occupational Classification system, 2010.

<sup>9</sup> Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

\* Data for 2011 are preliminary.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

NOTE: Totals for major categories may include subcategories not shown separately. Blank cells indicate no data reported or data that do not meet publication criteria. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies, Census of Fatal Occupational Injuries.

**Census of Fatal  
Occupational Injuries  
United States, 2011 Charts**

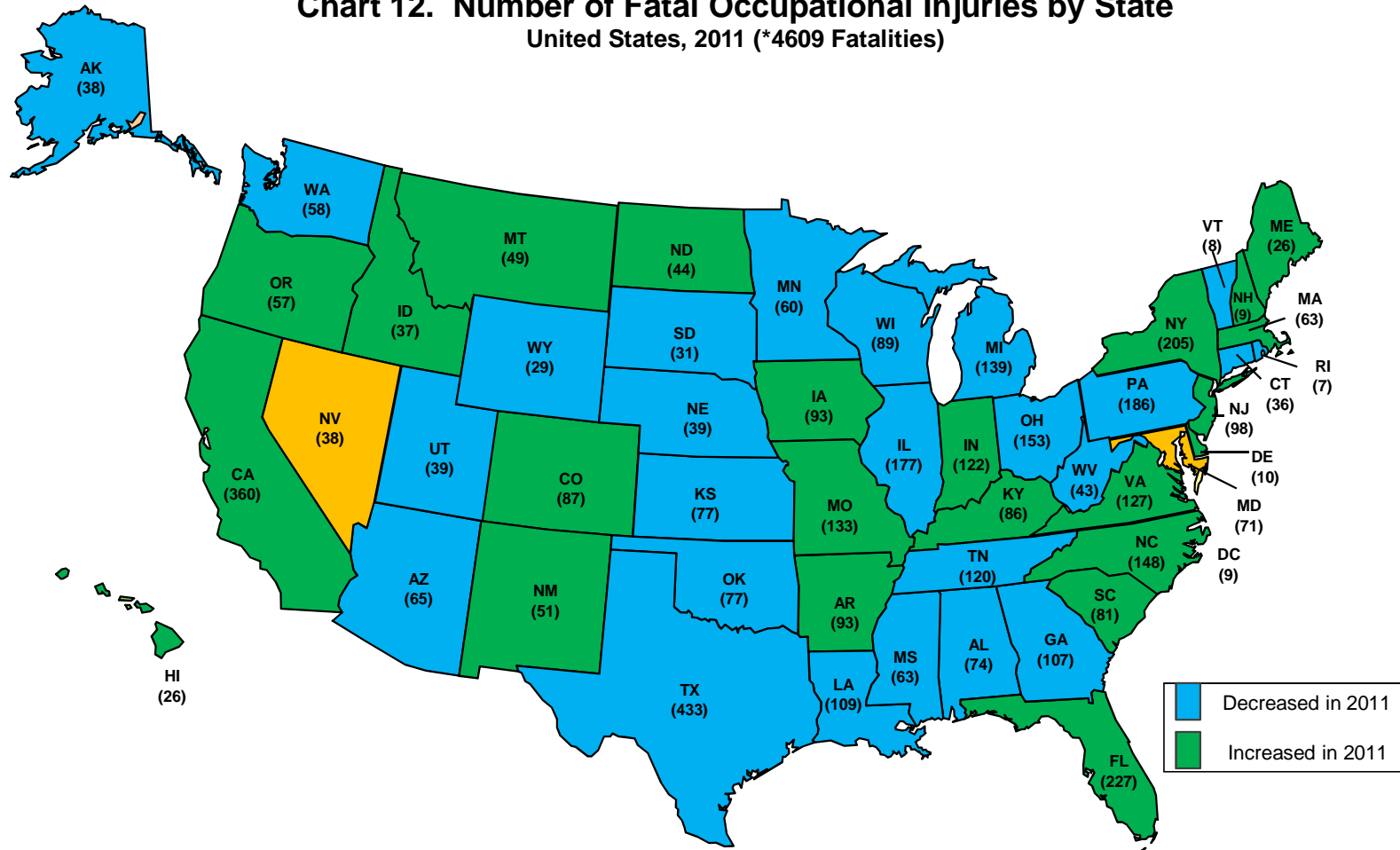
**Chart 11. Number of Fatal Occupational Injuries**  
United States, 2002 - 2011



The 2011 preliminary count of fatal occupational injuries shows a 2 percent decrease from the adjusted number of 4690 sustained during 2010. The 2011 total of 4609 is the second lowest over the past 10 years and is 13 percent lower than the 10-year average of 5317 work-related fatal injuries.

\* Data for 2011 are preliminary.

**Chart 12. Number of Fatal Occupational Injuries by State**  
United States, 2011 (\*4609 Fatalities)

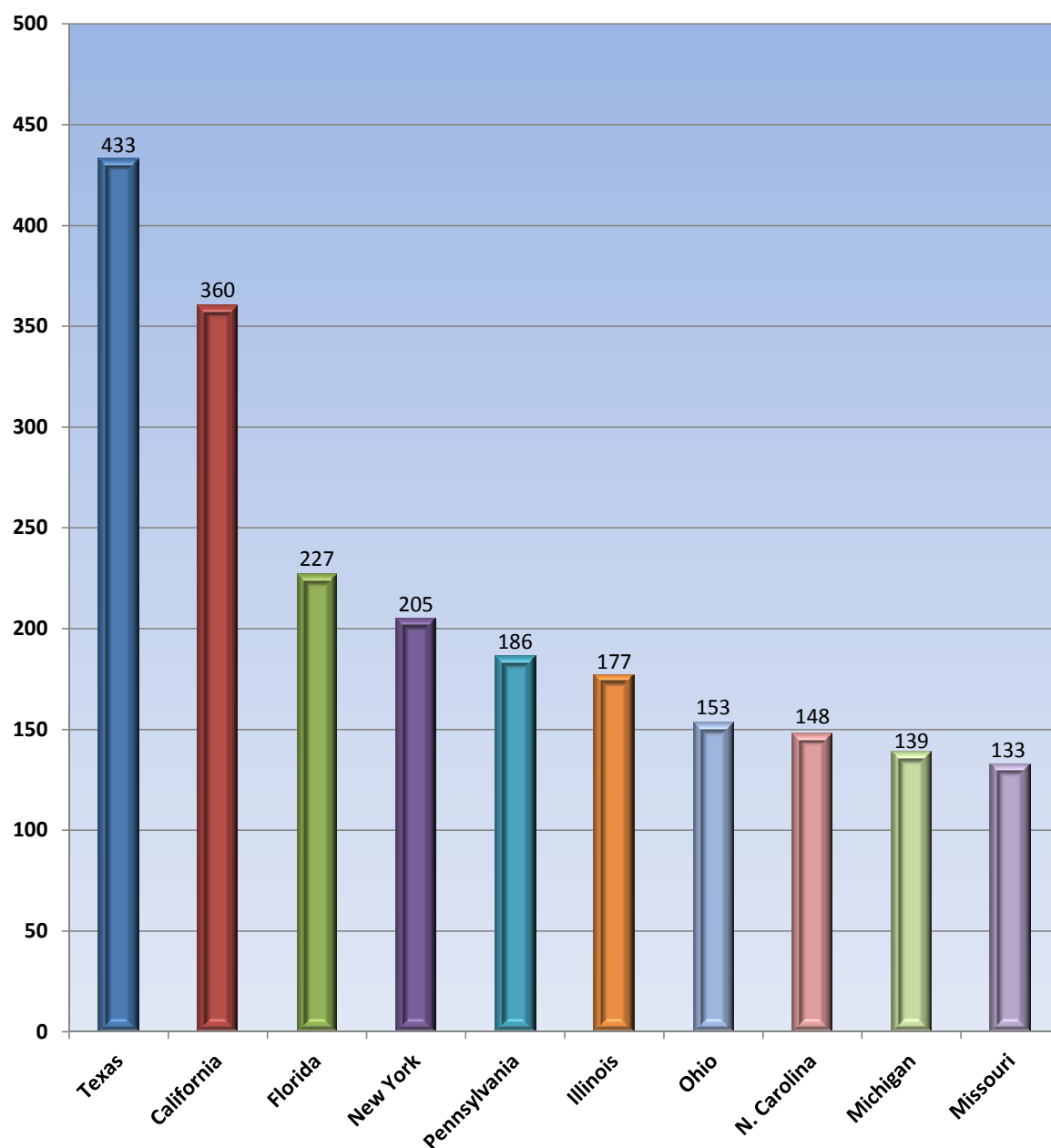


Twenty-five states and the District of Columbia had fewer fatal workplace injuries in 2011 compared to 2010. Twenty-three states had more fatal injuries in 2011 than in 2010. Two states had the same number of fatal work injuries in both years.  
\*Data for 2011 are preliminary. SOURCE: U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2012.



### Chart 13. States with the Greatest Number of Fatal Occupational Injuries

United States, 2011 (\*4609 Fatalities)



The 10 states with the greatest number of work-related fatal injuries in 2011 accounted for 47 percent of the total for the entire United States. This percentage incurred by the top 10 was unchanged from the previous year.

\* Data for 2011 are preliminary.

**Census of Fatal  
Occupational Injuries  
United States, 2011 Tables**

**Table 2. Fatal Occupational Injuries by State and Event or Exposure, United States, 2011**

State of Injury	Total fatal injuries <sup>1</sup> 2011 <sup>3</sup> **	Event or exposure <sup>4</sup> 2011					
		Violence and other injuries by persons or animals <sup>5</sup>	Transportation incidents <sup>6</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total .....	4,609	780	1,898	143	666	401	708
Alabama .....	74	6	36	1	10	4	17
Alaska .....	38	8	18	1	4	5	--
Arizona .....	65	14	25	3	13	5	--
Arkansas .....	93	11	50	1	6	14	11
California .....	360	85	118	9	60	36	50
Colorado .....	87	16	34	--	15	5	16
Connecticut .....	36	12	13	--	7	1	3
Delaware .....	10	5	3	--	--	1	--
District of Columbia .....	9	3	--	--	--	--	3
Florida .....	227	44	90	4	36	27	26
Georgia .....	107	17	45	5	16	9	15
Hawaii .....	26	--	10	5	6	2	--
Idaho .....	37	--	26	--	3	--	5
Illinois .....	177	44	54	4	29	25	20
Indiana .....	122	17	61	3	16	7	18
Iowa .....	93	11	55	2	7	2	16
Kansas .....	77	7	38	8	8	7	9
Kentucky .....	86	10	39	6	6	7	17
Louisiana .....	109	10	54	6	14	13	12
Maine .....	26	4	16	--	--	3	--
Maryland .....	71	17	29	3	8	4	9
Massachusetts .....	63	19	17	3	16	3	5
Michigan .....	139	33	46	3	24	12	21
Minnesota .....	60	5	16	--	14	5	19
Mississippi .....	63	9	31	--	5	7	9
Missouri .....	133	14	60	5	16	10	28
Montana .....	49	5	25	--	5	3	8
Nebraska .....	39	2	25	--	3	--	5
Nevada .....	38	9	22	--	4	--	--
New Hampshire .....	9	--	4	--	--	--	--
New Jersey .....	98	24	37	--	15	7	15
New Mexico .....	51	4	21	--	3	6	15
New York (including N.Y.C.) .....	205	48	69	--	39	14	34
New York City .....	71	24	13	--	15	6	13
North Carolina .....	148	29	51	4	28	12	24
North Dakota .....	44	5	23	--	3	--	9
Ohio .....	153	22	61	3	22	20	25
Oklahoma .....	77	6	38	--	9	10	12
Oregon .....	57	10	20	3	9	--	12
Pennsylvania .....	186	28	69	6	34	17	32
Rhode Island .....	7	--	--	--	5	--	--
South Carolina .....	81	12	46	--	12	5	5
South Dakota .....	31	5	14	3	--	--	7
Tennessee .....	120	26	39	10	15	5	24
Texas .....	433	70	168	18	67	43	66
Utah .....	39	3	24	--	5	--	5
Vermont .....	8	--	--	--	--	2	4
Virginia .....	127	23	60	1	10	12	21
Washington .....	58	6	29	--	9	5	9
West Virginia .....	43	3	18	--	6	5	11
Wisconsin .....	89	13	33	--	12	9	22
Wyoming .....	29	--	17	--	3	--	--

<sup>1</sup> State totals include other events and exposures, such as bodily reaction, in addition to those shown separately.

<sup>2</sup> Totals for 2010 are revised and final. Preliminary 2010 data issued August 25, 2011, reported a total of 4,547 fatal work injuries for calendar year 2010. Since then, an additional 143 job-related fatal injuries were identified, bringing the total job-related fatal injury count for 2010 to 4,690. This includes one fatal injury that occurred within the territorial boundaries of the United States, but a State of incident could not be determined.

<sup>3</sup> Includes two fatal injuries that occurred within the territorial boundaries of the United States, but a State of incident could not be determined.

<sup>4</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>5</sup> Includes violence by persons, self-inflicted injuries, and attacks by animals.

<sup>6</sup> Includes highway, nonhighway, air, water, and rail fatal injuries, and fatal injuries resulting from being struck by a vehicle.

\* Data for 2011 are preliminary. Revised and final data are scheduled to be released in Spring 2013.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatality counts exclude fatal illnesses unless precipitated by an injury event.

SOURCE: U.S. Dept. of Labor, Bureau of Labor Statistics, in cooperation with State, N.Y.C., District of Columbia, and Federal agencies. Census of Fatal Occupational Injuries.

**Table 3. Fatal Occupational Injuries by Worker Characteristics and Event or Exposure, United States, 2011 (\*4609 Fatalities)**

Worker characteristics	2011						
	Total	Event or exposure <sup>1</sup>					
		Transportation incidents <sup>2</sup>	Violence and other injuries by persons or animals <sup>3</sup>	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
<b>Total</b>	4609	1898	780	708	666	401	143
<b>Employee Status</b>							
<b>Wage and Salary<sup>4</sup></b>	3594	1510	548	542	532	331	120
<b>Self-Employed<sup>5</sup></b>	1015	388	232	166	134	70	23
<b>Gender</b>							
<b>Men</b>	4234	1739	680	676	613	378	136
<b>Women</b>	375	159	100	32	53	23	7
<b>Age</b>							
<b>Under 16 years</b>	10	4	--	--	--	3	--
<b>16 to 17 years</b>	14	7	--	--	--	3	--
<b>18 to 19 years</b>	58	22	10	13	3	8	--
<b>20 to 24 years</b>	288	127	42	49	22	29	18
<b>25 to 34 years</b>	704	243	148	112	73	100	28
<b>35 to 44 years</b>	858	348	173	108	105	98	23
<b>45 to 54 years</b>	1207	488	203	190	189	99	36
<b>55 to 64 years</b>	911	411	136	140	151	48	20
<b>65 years and over</b>	558	247	64	94	122	13	16
<b>Race or Ethnic Origin<sup>6</sup></b>							
<b>White (non-Hispanic)</b>	3257	1418	496	511	451	267	106
<b>Black or African American (non-Hispanic)</b>	433	188	111	54	36	35	8
<b>Hispanic or Latino</b>	729	215	115	124	163	87	21
<b>American Indian or Alaskan Native (non-Hispanic)</b>	29	12	3	4	4	5	--
<b>Asian (non-Hispanic)</b>	113	40	50	6	9	5	3
<b>Native Hawaiian or Pacific Islander (non-Hispanic)</b>	3	--	--	--	--	--	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>2</sup> Includes highway, nonhighway, air, water, and rail fatal injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> May include volunteers and other workers receiving compensation.

<sup>5</sup> Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

<sup>6</sup> Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

\*NOTE: 2011 data are preliminary. Totals for major categories may include subcategories not shown separately. Dashes indicate no data or data that do not meet publication criteria. CFI fatality counts exclude illness-related deaths unless precipitated by an injury event.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State, New York City, District of Columbia, and Federal agencies, Census of Fatal Occupational Injuries, September 19, 2012.

**Table 4. Fatal Occupational Injuries by Selected Major Industry  
and Event or Exposure  
United States, 2011 (\*4609 Fatalities)**

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transpor- tation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
<b>Total</b>		4609	780	1898	143	666	401	708
<b>Private Industry</b>		4114	628	1689	120	617	368	683
<b>Goods producing</b>		1754	104	608	67	352	206	410
<b>Natural resources and mining</b>		711	41	336	27	51	54	197
<b>Agriculture, forestry, fishing, and hunting</b>		557	35	270	14	38	44	151
Crop production	111	238	12	132	7	18	22	45
Animal production	112	147	20	63	4	11	8	40
Forestry and logging	113	78	--	16	--	3	--	53
Fishing, hunting, and trapping	114	42	--	34	--	--	5	--
Support activities for Agriculture and Forestry	115	43	--	21	--	3	7	9
<b>Mining<sup>5</sup></b>		154	6	66	13	13	10	46
Oil and gas extraction	211	11	--	5	--	--	--	3
Mining (except oil and gas)	212	37	--	11	--	3	--	19
Support activities for mining	213	106	3	50	12	8	9	24
<b>Construction</b>		721	30	190	11	254	111	123
Construction of buildings	236	121	3	22	4	52	20	20
Heavy and civil engineering construction	237	155	6	79	--	14	24	30
Specialty trade contractors	238	418	18	85	5	176	65	68
<b>Manufacturing</b>		322	33	82	29	47	41	90
Food manufacturing	311	50	3	18	--	8	5	15
Beverage and tobacco product manufacturing	312	6	--	3	--	--	--	--
Apparel manufacturing	315	6	--	--	--	--	--	--
Wood product manufacturing	321	25	--	6	--	--	3	12
Paper manufacturing	322	9	--	--	--	3	--	3

See footnotes at end of table.

Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Printing and related support activities	323	7	3	--	--	--	--	--
Petroleum and coal products manufacturing	324	10	--	5	3	--	--	--
Chemical manufacturing	325	25	3	--	7	--	10	--
Plastics and rubber products manufacturing	326	7	--	--	--	--	--	4
Nonmetallic mineral product manufacturing	327	30	--	12	--	4	4	6
Primary metal manufacturing	331	24	--	4	7	--	--	10
Fabricated metal product manufacturing	332	40	7	7	3	8	4	11
Machinery manufacturing	333	22	--	8	--	--	3	7
Computer and electronic prod. manufacturing	334	5	--	--	--	--	--	--
Electrical equipment, appliance, and component manufacturing	335	4	--	--	--	--	--	--
Transportation equipment manufacturing	336	29	3	9	3	4	4	6
Furniture and related product manufacturing	337	8	--	--	--	--	--	3
Miscellaneous manufacturing	339	10	--	--	--	4	--	--
Service providing		2360	524	1081	53	265	162	273
Trade, transportation, and utilities		1227	214	724	27	78	53	130
Utilities	221	39	5	10	--	7	10	6
Wholesale trade		189	17	85	15	20	9	43
Merchant wholesalers, durable goods	423	106	12	39	8	12	3	32
Merchant wholesalers, nondurable goods	424	77	5	42	7	8	4	11
Wholesale electronic markets and agents and brokers	425	6	--	4	--	--	--	--
Retail trade		266	136	68	5	24	9	23
Motor vehicle and parts dealers	441	42	8	19	--	3	--	9
Furniture and home furnishings stores	442	17	7	7	--	--	--	--
Electronics and appliance stores	443	4	3	--	--	--	--	--
Building material and garden equipment and supplies dealers	444	19	6	6	--	--	--	5

See footnotes at end of table.

Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Food and beverage stores	445	85	65	11	--	5	--	--
Health and personal care stores	446	10	7	--	--	--	--	--
Gasoline stations	447	24	16	5	--	--	--	--
Clothing and clothing accessories stores	448	11	7	--	--	3	--	--
Sporting goods, hobby, book, and music stores	451	8	5	--	--	--	--	--
General merchandise stores	452	13	3	3	--	5	--	--
Miscellaneous store retailers	453	16	8	3	--	--	--	--
Nonstore retailers	454	16	--	10	--	--	--	3
Transportation and warehousing		733	56	561	6	27	25	58
Air transportation	481	27	--	26	--	--	--	--
Rail transportation	482	22	--	15	--	--	--	3
Water transportation	483	12	--	6	--	--	--	--
Truck transportation	484	474	14	397	4	13	12	34
Transit and ground passenger transportation	485	72	34	31	--	3	--	3
Pipeline transportation	486	4	--	3	--	--	--	--
Scenic and sightseeing transportation	487	7	--	5	--	--	--	--
Support activities for transportation	488	83	5	62	--	--	4	9
Couriers and messengers	492	14	--	10	--	--	--	--
Warehousing and storage	493	16	--	4	--	7	--	3
Information		58	10	23	--	16	4	5
Publishing industries (except internet)	511	17	--	11	--	3	--	--
Motion picture and sound recording industries	512	11	3	3	--	5	--	--
Broadcasting (except internet)	515	5	--	--	--	3	--	--
Telecommunications	517	22	5	8	--	3	3	3
Other information services	519	3	--	--	--	--	--	--

See footnotes at end of table.

Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Financial activities		95	47	31	--	9	4	4
Finance and insurance		35	20	11	--	3	--	--
Credit intermediation and related activities	522	22	13	6	--	--	--	--
Securities, commodity contracts, and other financial investments and related activities	523	7	3	--	--	--	--	--
Insurance carriers and related activities	524	6	4	--	--	--	--	--
Real estate and rental and leasing		60	27	20	--	6	3	4
Real estate	531	40	25	6	--	6	3	--
Rental and leasing services	532	20	--	14	--	--	--	4
Professional and business services		424	60	138	13	100	47	66
Professional and technical services		74	20	30	6	7	7	4
Professional, scientific, and technical services	541	74	20	30	6	7	7	4
Administrative and waste services		350	40	108	7	93	40	62
Administrative and support services	561	286	37	71	--	89	38	51
Waste management and remediation services	562	64	--	37	7	4	--	11
Educational and health services		151	44	61	--	21	18	5
Educational services	611	38	8	23	--	4	--	--
Ambulatory health care services	621	55	19	27	--	3	5	--
Hospitals	622	15	6	--	--	3	4	--
Nursing and residential care facilities	623	20	6	4	--	5	--	4
Social assistance	624	22	5	4	--	6	6	--
Leisure and hospitality		224	90	65	--	25	21	21
Arts, entertainment, and recreation		93	14	43	--	13	10	13
Performing arts, spectator sports, and related industries	711	48	7	25	--	4	6	6
Museums, historical sites, and similar institutions	712	4	--	--	--	--	--	--
Amusement, gambling, and recreation activities	713	41	5	16	--	9	4	7

See footnotes at end of table.



Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Accommodation and food services		131	76	22	--	12	11	8
Accommodation	721	29	10	3	--	6	5	5
Food services and drinking places	722	102	66	19	--	6	6	--
Other services, except public administration		177	59	37	9	16	15	41
Repair and maintenance	811	97	27	16	8	6	10	30
Personal and laundry services	812	44	22	10	--	4	--	7
Religious, grantmaking, civic, professional, and similar organizations	813	31	9	11	--	6	--	--
Private households	814	5	--	--	--	--	--	--
Government <sup>6</sup>		495	152	209	23	49	33	25
Federal government <sup>7</sup>		93	24	49	--	8	8	3
Service providing		92	24	49	--	8	8	--
Trade, transportation, and utilities		19	--	15	--	--	--	--
Transportation and warehousing		18	--	14	--	--	--	--
Postal service	491	17	--	13	--	--	--	--
Public administration		68	22	32	--	6	6	--
Justice, public order, and safety activities	922	5	4	--	--	--	--	--
Administration of environmental quality programs	924	3	--	--	--	--	--	--
National security and international affairs	928	59	16	31	--	6	5	--
State government <sup>7</sup>		106	21	57	4	11	5	8
Goods producing		18	--	10	4	--	--	--
Natural resources and mining		4	--	--	4	--	--	--
Agriculture, forestry, fishing, and hunting		4	--	--	4	--	--	--
Support activities for agriculture and forestry	115	4	--	--	4	--	--	--
Construction		14	--	10	--	--	--	--
Heavy and civil engineering construction	237	13	--	10	--	--	--	--

See footnotes at end of table.

Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Service providing		88	21	47	--	9	4	7
Trade, transportation, and utilities		4	--	4	--	--	--	--
Transportation and warehousing		4	--	4	--	--	--	--
Support activities for transportation	488	4	--	4	--	--	--	--
Professional and business services		3	--	--	--	--	--	--
Administrative and waste services		3	--	--	--	--	--	--
Educational and health services		28	8	13	--	5	--	--
Educational services		20	4	9	--	5	--	--
Educational services	611	20	4	9	--	5	--	--
Hospitals	622	4	3	--	--	--	--	--
Social assistance	624	3	--	--	--	--	--	--
Public administration		50	12	28	--	--	3	5
Justice, public order, and safety activities	922	29	10	15	--	--	--	--
Administration of human resource programs	923	3	--	--	--	--	--	--
Administration of environmental quality programs	924	4	--	--	--	--	--	--
Administration of economic programs	926	14	--	9	--	--	--	--
Local government <sup>7</sup>		294	107	102	18	29	20	14
Goods producing		24	--	12	--	4	--	8
Construction		23	--	12	--	3	--	8
Heavy and civil engineering construction	237	22	--	12	--	--	--	8
Service providing		270	107	90	18	25	20	6
Trade, transportation, and utilities		28	5	11	--	4	4	--
Utilities	221	21	5	6	--	4	3	--
Transportation and warehousing		7	--	5	--	--	--	--
Support activities for transportation	488	5	--	4	--	--	--	--
Professional and business services		15	--	7	--	--	3	--

See footnotes at end of table.

**Table 4. Fatal Occupational Injuries by Selected Major Industry and Event or Exposure, United States, 2011 - continued**

Industry <sup>1</sup>	NAICS CODE <sup>1</sup>	Total Fatal Injuries (number)	Event or Exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Administrative and waste services		14	--	7	--	--	3	--
Administrative and support services	561	7	--	3	--	--	--	--
Waste management and remediation services	562	7	--	4	--	--	--	--
Educational and health services		42	10	16	--	10	--	--
Educational services	611	32	8	11	--	10	--	--
Hospitals	622	3	--	--	--	--	--	--
Social assistance	624	5	--	3	--	--	--	--
Leisure and hospitality		6	--	--	--	--	--	--
Arts, entertainment, and recreation		5	--	--	--	--	--	--
Amusement, gambling, and recreation activities	713	3	--	--	--	--	--	--
Public administration		178	89	54	14	8	11	--
Executive, legislative, and other government support	921	6	--	3	--	--	--	--
Justice, public order, and safety activities	922	167	86	48	14	8	9	--
Police protection	92212	131	83	38		3	5	--
Fire protection	92216	32	--	8	13	5	4	--
Administration of environmental quality programs	924	3	--	--	--	--	--	--

<sup>1</sup> Industry data are based on the North American Industry Classification System, 2007.

<sup>2</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> Includes highway, nonhighway, air, water, and rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>5</sup> Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas extraction.

<sup>6</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry. Includes all fatal occupational injuries meeting this ownership criterion across all specified years, regardless of industry classification system.

<sup>7</sup> Includes all fatal occupational injuries meeting this ownership criterion across all specified years, regardless of industry classification system.

NOTE: \*Data for 2011 are preliminary. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFI fatality counts exclude illness-related deaths unless precipitated by an injury event.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State, New York City, District of Columbia, and Federal agencies, Census of Fatal Occupational Injuries, September 19, 2012.

## **Section II**

# **Survey of Nonfatal Occupational Injuries and Illnesses 2011**

## INTRODUCTION

The passage of the Occupational Safety and Health Act of 1970 (Public Law 91-596) created an extensive and detailed set of regulations applying to all private employers in the United States who were not covered by previous safety legislation. The Tennessee Occupational Safety and Health Act of 1972 replaces the Federal Occupational Safety and Health Act of 1970 as it applies to private employers in Tennessee and also extends coverage to state and local government units.

The United States Department of Labor, Bureau of Labor Statistics, was given the responsibility of developing a comprehensive safety and health statistical program. To achieve this, the Bureau, in cooperation with many state agencies, conducts an annual Survey of Occupational Injuries and Illnesses. The data collected from the employers is used to estimate the numbers, incidence rates, and seriousness of work-related injuries and illnesses. In Tennessee, the data collected by the Tennessee Department of Labor and Workforce Development in cooperation with the Bureau of Labor Statistics provides the statistics necessary to identify the industries, occupations, and worker groups having relatively high risks of job-related injury or illness.

The Labor Research and Statistics Division, after reviewing the Survey of Occupational Injuries and Illnesses, verifies the accuracy of the data. They then analyze the results and create the charts, tables, and other graphical illustrations to demonstrate their research findings. The methods for displaying the data are intended to aid in audience understanding and are written to ensure the confidentiality of the surveyed companies. We would greatly appreciate any suggestions and/or comments pertaining to the information contained in this publication, including what you would like to see in coming years.

Until 1992, the survey identified industries with high incidence rates, but shed little light on the characteristics of workplace incidents. Beginning in 1992, the annual survey was expanded to provide additional detailed information on workplace injuries and illnesses. This information included worker and case characteristic data on nonfatal injuries and illnesses resulting in days away from work. With the more detailed information, employers as well as safety and health organizations can better define and focus on areas of special interest.

Data for the mining industry are provided by the U.S. Department of Labor, Mine Safety and Health Administration. Railroad transportation data are provided by the Federal Railroad Administration, U.S. Department of Transportation. Farm employers in Tennessee with no more than 10 employees and self-employed persons with no employees are exempt from participation in the annual survey. This publication presents occupational injury and illness data for all other Tennessee employers with at least one employee.

The Tennessee Department of Labor and Workforce Development wishes to express its appreciation to the many employers who responded to the survey and without whose cooperation this publication would not have been possible.

## METHODS FOR CALCULATING INCIDENCE RATES

Employers can compute their company's injury and illness rate by multiplying the number of injuries (N) by 200,000 (base rate of 40 hours per week for 50 weeks for 100 full-time workers), and dividing by the number of hours (H) worked by all employees during the year. The calculator entry would be  $N \times 200,000 \div H =$ .

### Total Cases Incidence Rate

The total cases incidence rate is the number of recordable injuries and illnesses for a company based on 100 full-time employees. Using your OSHA 300 log, add columns H (cases with days away from work), I (cases with job restriction or transfer), and J (other recordable cases). Multiply the sum by 200,000 and then divide the product by the total number of hours worked by all employees for the year. Remember that each case is to be classified in only one column, (either G, H, I, or J) based on the seriousness of that case. Days away from work are always considered to be more serious than transferred or restricted duty, even though the restricted days may be greater in number than the number of days away from work. You do, however, enter the actual number of days away from work as well as the actual number of restricted or transferred days in columns K and L on your OSHA 300 log.

Worksheet		
Number of all injuries and illnesses (Columns H+I+J)	Number of hours worked by all employees	Incidence rate for total cases
<input type="text"/>	<input type="text"/>	<input type="text"/>
$\times 200,000 \div$		
<input type="text"/>	<input type="text"/>	<input type="text"/>
$=$		

### DART (Days Away, Restricted or Transferred) Incidence Rate

The DART incidence rate is the rate for the total number of cases involving days away from work and cases that have restricted or transferred duty. (This was formerly known as lost time incidence rate.) Using the OSHA 300 log, add columns H (cases with days away from work) and I (cases with job transfer or restrictions). Multiply the sum by 200,000 and divide the product by the total number of hours worked by all employees for the year.

Worksheet		
Number of injuries and illnesses (Columns H + I)	Number of hours worked by all employees	Incidence rate for DART cases
<input type="text"/>	<input type="text"/>	<input type="text"/>
$\times 200,000 \div$		
<input type="text"/>	<input type="text"/>	<input type="text"/>
$=$		

## Survey of Nonfatal Occupational Injuries and Illnesses

### Major Findings, Tennessee, 2011

① Incidence rates for nonfatal occupational injuries and illnesses in Tennessee, 2011

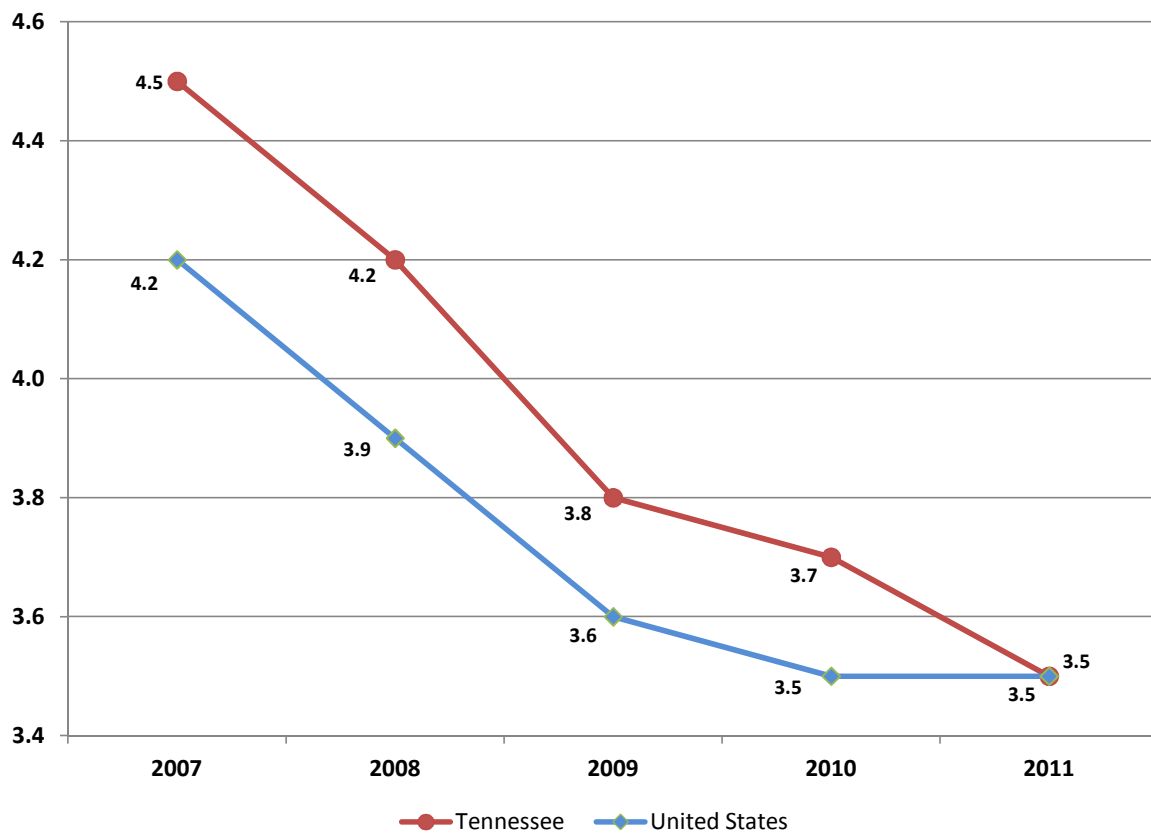
- The total recordable incidence rate in Tennessee in 2011 for all industry was 3.7
- The total recordable incidence rate in Tennessee in 2011 for all private industry was 3.5
- The total recordable incidence rate in Tennessee in 2011 for all government was 5.0
- The total recordable incidence rate in Tennessee in 2011 for all state government was 2.9
- The total recordable incidence rate in Tennessee in 2011 for all local government was 5.7

② Incidence rates for nonfatal occupational injuries and illnesses in the United States, 2011

- The total recordable incidence rate in the United States in 2011 for all industry was 3.8
- The total recordable incidence rate in the United States in 2011 for all private industry was 3.5
- The total recordable incidence rate in the United States in 2011 for all government was 5.7
- The total recordable incidence rate in the United States in 2011 for all state government was 4.6
- The total recordable incidence rate in the United States in 2011 for all local government was 6.1

③ Total recordable incidence rates by major industry sector, private sector, Tennessee, 2011

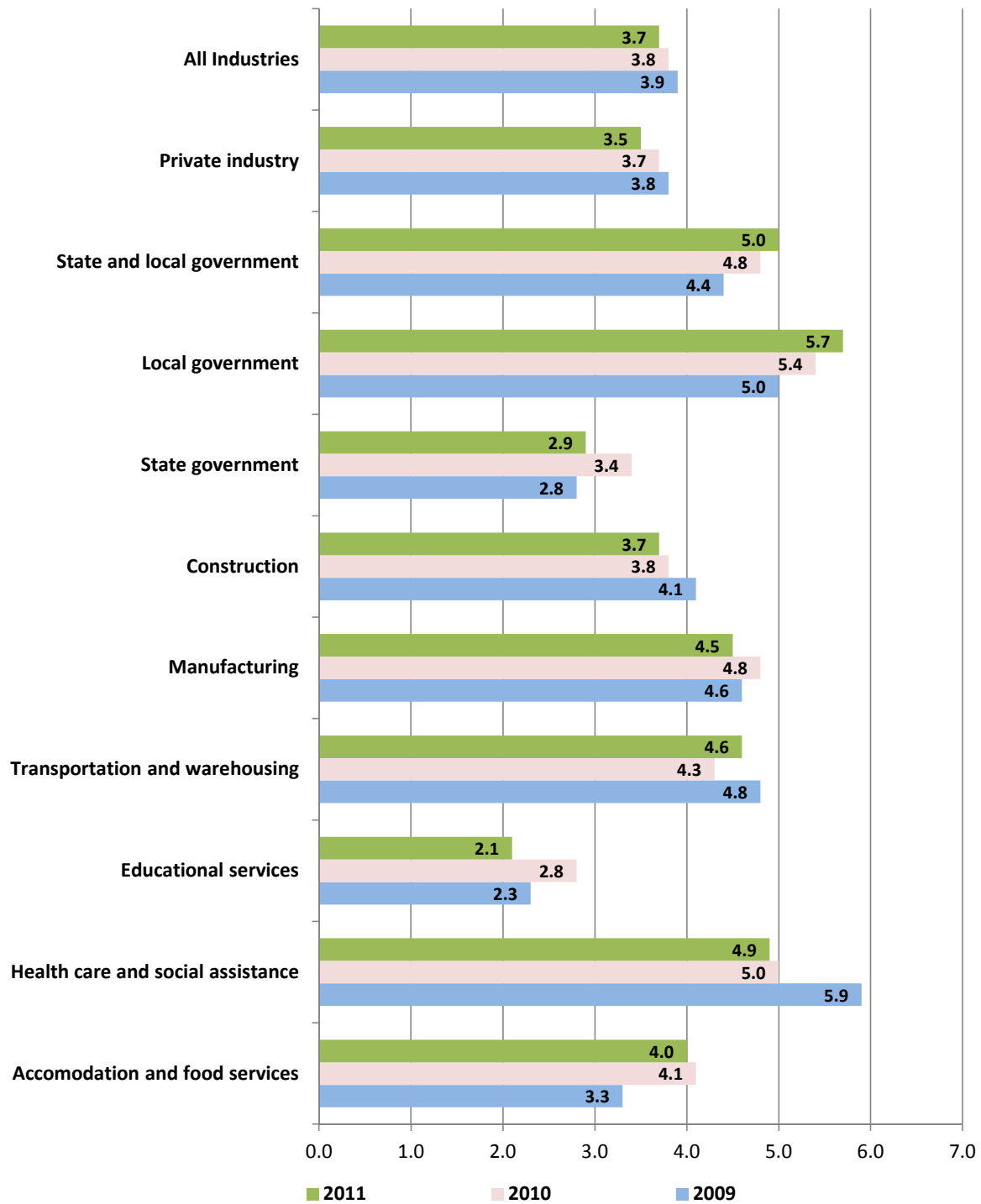
- The major industry sector, Health care and social assistance had the highest incidence rate, 4.9
- The major industry sector, Management of companies and enterprises had the lowest rate, 1.4



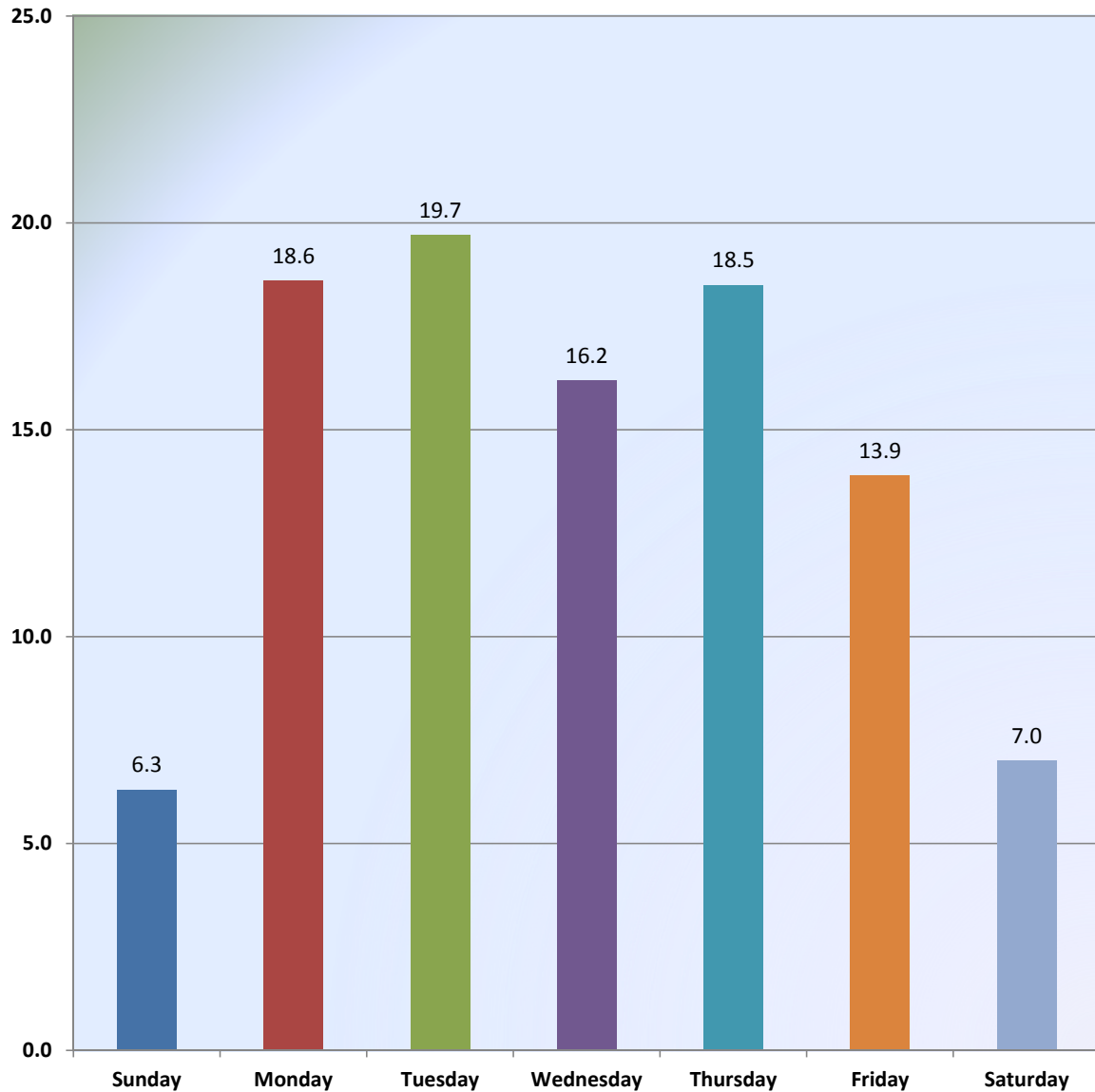
**Survey of Nonfatal Occupational  
Injuries and Illnesses  
Tennessee, 2011 Charts**



**Chart 14. Incidence Rates for Nonfatal Occupational Injuries and Illnesses by Select Major Industry Sector**  
Tennessee, 2009 - 2011



**Chart 15. Percent Distribution of Nonfatal Occupational Injuries and Illnesses Involving Days Away From Work<sup>1</sup> by Day of the Week**  
Tennessee, all ownerships, 2011



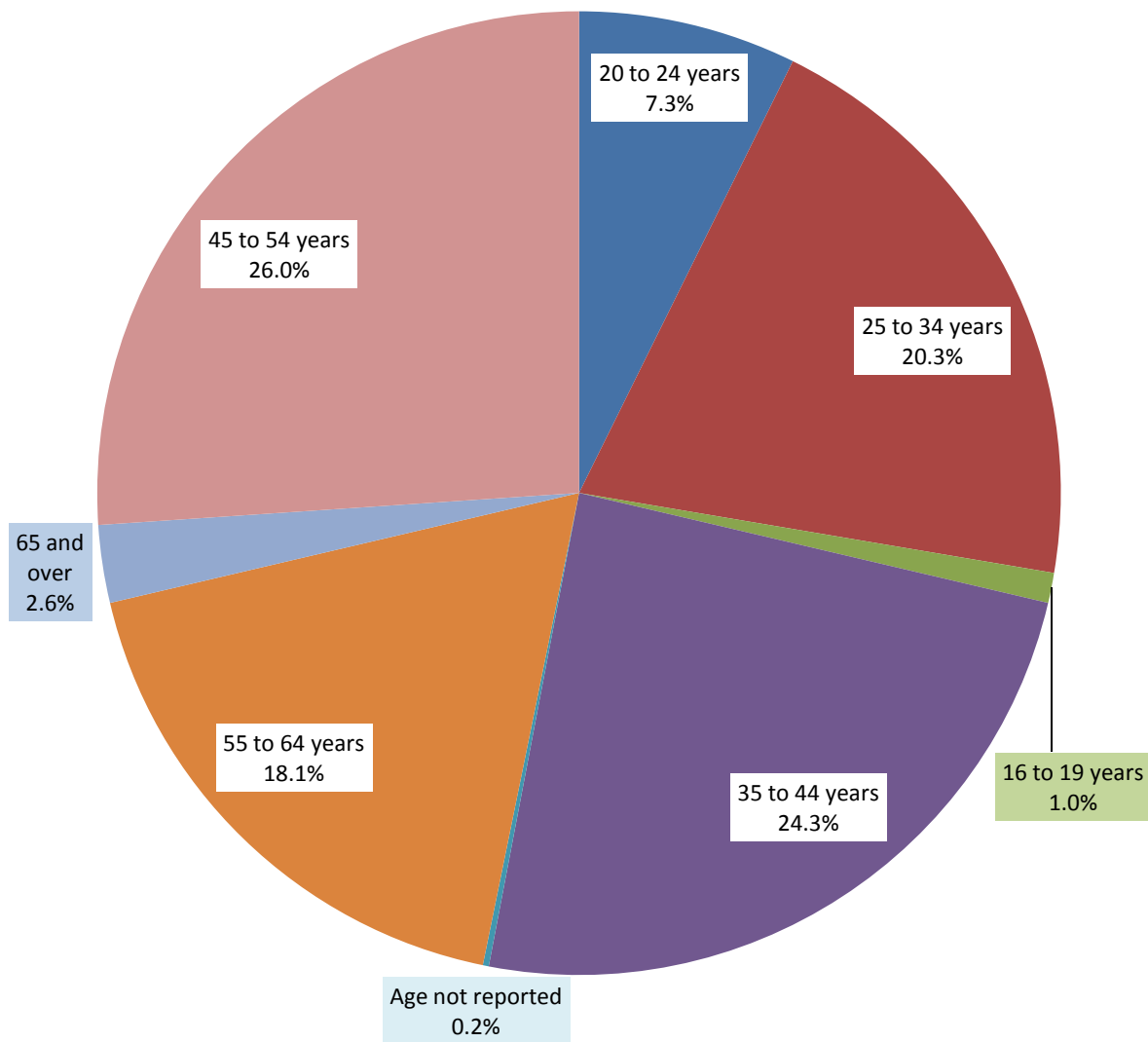
The percent of nonfatal occupational injuries and illnesses that resulted in a days away from work case in Tennessee during 2011 was most likely to occur on a Tuesday, while the lowest percent of cases involving days away from work occurred on Sundays.

<sup>1</sup> Days away from work cases (DAFW) include those which result in days away from work with or without restricted work activity.

NOTE: Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, August 14, 2012.

**Chart 16. Percent Distribution of Nonfatal Occupational Injuries and Illnesses with Days Away From Work<sup>1</sup> by Employee Age Group**  
**Tennessee, all ownerships, 2011**



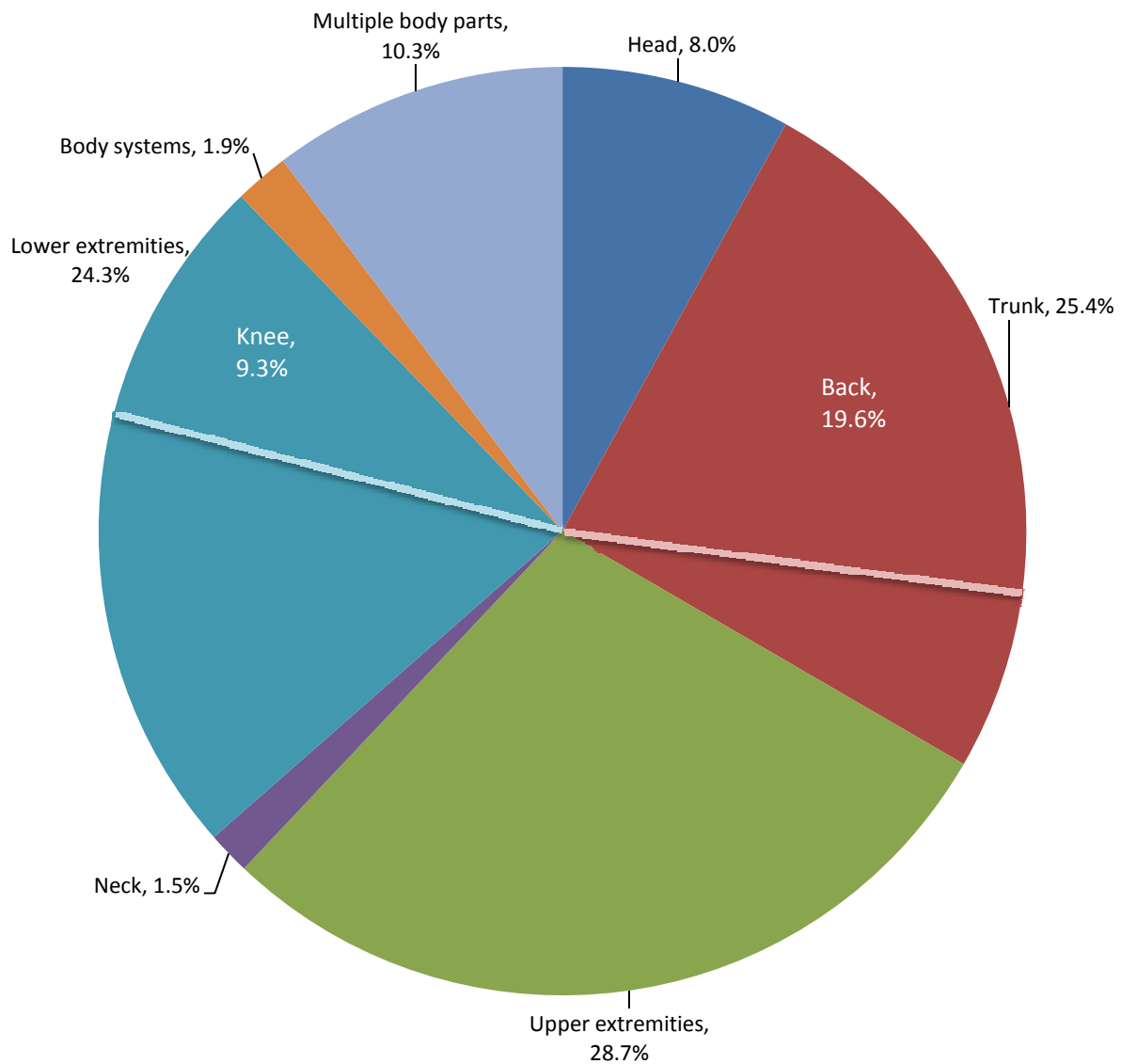
Workers between the ages of 35 and 54 experienced 50 % of the nonfatal occupational injuries and illnesses resulting in a days away from work case in Tennessee during 2011.

<sup>1</sup> Days away from work cases (DAFW) include those which result in days away from work with or without restricted work activity.

NOTE: Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, August 14, 2012.

**Chart 17. Percent Distribution of Nonfatal Occupational Injuries and Illnesses Involving Days Away From Work<sup>1</sup> by Part of Body Affected**  
**Tennessee, all ownerships, 2011**



When a days away from work case involved an injury to the trunk, 77 % of these injuries were the result of an injury to the back.  
 In cases with injuries to lower extremities, 38 % involved injuries to the employee's knee(s).

<sup>1</sup> Days away from work cases (DAFW) include those which result in days away from work with or without restricted work activity.

NOTE: Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, August 14, 2012.

**Survey of Nonfatal Occupational  
Injuries and Illnesses  
Tennessee, 2011 Tables**

**Table 5. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries  
and Illnesses by Major Industry Sector  
Tennessee, 2007 - 2011**

Industry Sector <sup>2</sup>	Total Recordable Case Rate <sup>3</sup>				
	2007	2008	2009	2010	2011
<b>All industries including state and local government</b>	4.5	4.2	3.9	3.8	3.7
<b>Private industry total</b>	4.5	4.2	3.8	3.7	3.5
<b>Goods producing</b>	5.7	5.0	4.5	4.5	4.3
Natural resources and mining <sup>3</sup>	4.1	2.9	5.1	2.7	4.3
Construction	5.2	3.7	4.1	3.8	3.7
Manufacturing	5.9	5.5	4.6	4.8	4.5
<b>Service providing</b>	4.0	3.9	3.6	3.4	3.3
Trade, transportation, and utilities	5.0	4.4	4.0	3.9	3.5
Information	2.5	1.4	1.2	1.0	2.8
Financial activities	1.4	2.1	1.6	0.9	1.5
Professional and business services	2.0	2.0	2.2	1.7	1.7
Educational and health services	5.8	5.3	5.6	4.7	4.6
Leisure and hospitality	3.5	4.5	3.4	4.1	3.9
Other services	3.4	2.6	1.9	3.9	2.5
<b>State and local government</b>	5.0	4.5	4.4	4.8	5.0
<b>State government</b>	4.5	2.7	2.8	3.4	2.9
<b>Local government</b>	5.2	5.2	5.0	5.4	5.7

<sup>1</sup> Incidence rates represent the number of nonfatal occupational injuries and illnesses per the equivalent of 100 full-time workers and were calculated as:  $(N/EH) \times 200,000$  where:

N = number of injuries and illnesses

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

<sup>2</sup> based on the North American Industry Classification System, 2007 Edition

<sup>3</sup> Data for mining (Sector 21 in the North American Industry Classification System, 2007 Edition) include: establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting such as those in oil and gas extraction and related support activities. Data for mining operations in coal, metal, and nonmetal mining are provided to the Bureau of Labor by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, August 14, 2012.

**Table 6. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry Sector and Selected Case Types, 2009 -2011**

**Tennessee**

Industry Sector <sup>2</sup>	Total recordable cases			Cases with days away from work, job transfer, or restriction									Other recordable cases		
				Total			Cases with days away from work <sup>6</sup>			Cases with job transfer or restriction					
	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011
All industries including state and local government	3.9	3.8	3.7	2.0	1.9	1.8	1.1	1.0	1.0	0.9	0.9	0.8	1.9	1.9	1.9
Private industry <sup>3</sup>	3.8	3.7	3.5	1.9	1.9	1.7	1.0	1.0	0.9	0.9	0.9	0.9	1.9	1.8	1.7
Goods producing <sup>3</sup>	4.5	4.5	4.3	2.5	2.5	2.2	1.3	1.1	1.0	1.3	1.3	1.2	2.0	2.1	2.1
Natural resources and mining <sup>3,4</sup>	5.1	2.7	4.3	3.1	1.6	2.2	2.4	1.1	1.4	0.6	0.6	0.8	2.0	1.1	2.1
Agriculture, forestry, fishing, and hunting <sup>3</sup>	6.1	2.2	5.2	3.4	0.9	2.3	2.7	0.5	1.5	0.8	0.4	0.8	2.7	1.4	2.9
Mining <sup>4</sup>	3.4	3.4	2.9	2.4	2.7	2.1	2.0	1.8	1.3	--	0.9	0.8	1.0	0.7	0.8
Construction	4.1	3.8	3.7	2.4	1.8	1.9	1.7	1.4	1.1	0.7	0.4	0.8	1.7	2.0	1.8
Manufacturing	4.6	4.8	4.5	2.6	2.7	2.3	1.1	1.1	0.9	1.5	1.6	1.4	2.1	2.1	2.1
Service providing	3.6	3.4	3.3	1.8	1.7	1.6	0.9	0.9	0.9	0.8	0.8	0.7	1.8	1.7	1.7
Trade, transportation, and utilities <sup>5</sup>	4.0	3.9	3.5	2.3	2.3	2.2	1.2	1.2	1.1	1.1	1.1	1.1	1.7	1.5	1.3
Wholesale trade	2.9	4.3	3.6	1.9	2.5	2.4	0.8	1.1	1.0	1.0	1.4	1.3	1.1	1.8	1.3
Retail trade	4.1	3.5	2.9	2.0	1.9	1.7	0.9	0.8	0.6	1.1	1.2	1.1	2.1	1.6	1.2
Transportation and warehousing	4.8	4.3	4.6	3.4	3.0	3.1	2.2	2.2	2.2	1.2	0.8	0.9	1.5	1.3	1.5
Utilities	5.5	3.4	5.7	2.0	2.2	2.1	2.0	1.9	2.1	--	--	--	3.5	1.3	3.6
Information	1.2	1.0	2.8	0.7	0.7	1.4	0.4	0.4	1.0	0.3	0.3	0.4	0.5	0.4	1.3
Financial activities	1.6	0.9	1.5	0.8	0.3	0.8	0.3	0.2	0.5	--	0.1	0.3	0.8	0.6	0.6
Professional and business services	2.2	1.7	1.7	1.2	0.9	0.8	0.8	0.5	0.6	0.4	0.4	0.2	1.0	0.8	0.9
Education and health services	5.6	4.7	4.6	2.2	2.0	1.8	1.0	0.9	0.8	1.2	1.0	1.0	3.4	2.8	2.7
Educational services	2.3	2.8	2.1	0.8	0.8	0.7	0.3	0.4	0.4	0.5	0.4	0.4	1.6	2.0	1.3
Health care and social assistance	5.9	5.0	4.9	2.3	2.1	2.0	1.1	1.0	0.9	1.2	1.1	1.1	3.6	2.9	2.9
Leisure and hospitality	3.4	4.1	3.9	1.3	1.6	1.1	0.8	1.1	0.7	0.4	0.5	0.4	2.1	2.5	2.8
Other services, except public administration	1.9	3.9	2.5	1.0	1.5	1.3	0.6	0.6	0.9	0.4	0.9	0.5	0.9	2.4	1.2
State and local government	4.4	4.8	5.0	2.2	2.2	2.3	1.6	1.5	1.6	0.6	0.6	0.6	2.2	2.7	2.8
State government	2.8	3.4	2.9	1.4	1.5	1.2	1.3	1.4	1.1	0.1	0.1	--	1.4	1.9	1.7
Local government	5.0	5.4	5.7	2.5	2.4	2.6	1.6	1.6	1.8	0.8	0.8	0.8	2.5	2.9	3.1

<sup>1</sup> Incidence rates represent the number of nonfatal occupational injuries and illnesses per 100

full-time workers and were calculated as: (N/EH) × 200,000 where

N = number of injuries and illnesses;

EH = total hours worked by all employees during the calendar year

200000 = base for 100 equivalent full-time workers:

(working 40 hours per week, 50 weeks per year)

<sup>2</sup> North American Industry Classification System, 2007 Edition

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Section 21 in the North American Industry Classification System, 2007 Edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Days away from work cases include those that result in days away from work with or without restricted work activity.

Dashes indicate data too small to be displayed.

NOTE: Because of rounding, components may not add to totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>All industries including State and local government<sup>6</sup></b> .....		2,539.3	3.7	1.8	1.0	0.8	1.9
<b>Private industry<sup>6</sup></b> .....		2,168.7	3.5	1.7	0.9	0.9	1.7
<b>Goods-producing<sup>6</sup></b> .....		403.9	4.3	2.2	1.0	1.2	2.1
<b>Natural resources and mining<sup>6,7</sup></b> .....		9.5	4.3	2.2	1.4	0.8	2.1
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	5.9	5.2	2.3	1.5	0.8	2.9
Crop production (scope changed in 2009) <sup>6</sup> .....	111	3.2	3.0	1.9	1.2	0.7	1.1
<b>Mining<sup>7</sup></b> .....	21	3.6	2.9	2.1	1.3	0.8	0.8
Oil and gas extraction .....	211	0.1	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Construction</b> .....		103.7	3.7	1.9	1.1	0.8	1.8
<b>Construction</b> .....	23	103.7	3.7	1.9	1.1	0.8	1.8
Construction of buildings .....	236	23.0	4.4	1.9	0.2	1.7	2.5
Nonresidential building construction .....	2362	13.5	1.7	0.7	0.4	--	1.0
Heavy and civil engineering construction .....	237	15.9	5.6	3.0	2.0	0.9	2.6
Utility system construction .....	2371	7.0	5.4	3.6	2.0	1.6	1.8
Land subdivision .....	2372	1.0	2.2	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Highway, street, and bridge construction .....	2373	5.9	6.5	3.1	2.6	0.5	3.3
Specialty trade contractors .....	238	64.8	3.0	1.6	1.1	0.5	1.4
Foundation, structure, and building exterior contractors .....	2381	12.5	3.2	2.0	1.6	0.4	1.2
Masonry contractors .....	23814	2.6	3.8	2.4	2.3	( <sup>10</sup> )	--
Building equipment contractors .....	2382	34.3	2.9	1.7	1.1	0.6	1.2
Plumbing, heating, and air-conditioning contractors .....	23822	16.3	4.3	2.1	1.5	0.6	2.1
Building finishing contractors .....	2383	9.4	2.9	1.2	0.8	--	1.7
Other specialty trade contractors .....	2389	8.6	3.3	1.0	0.7	0.3	2.3

See footnotes at end of table.



**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Manufacturing</b> .....		290.6	4.5	2.3	0.9	1.4	2.1
<b>Manufacturing</b> .....	31-33	290.6	4.5	2.3	0.9	1.4	2.1
Food manufacturing .....	311	31.9	5.8	3.7	1.1	2.6	2.1
Sugar and confectionery product manufacturing .....	3113	2.2	5.3	1.8	( <sup>10</sup> )	1.5	3.5
Fruit and vegetable preserving and specialty food manufacturing .....	3114	4.8	5.0	2.7	0.8	1.9	2.3
Animal slaughtering and processing .....	3116	11.1	7.7	5.5	1.1	4.4	2.2
Bakeries and tortilla manufacturing .....	3118	7.0	5.4	3.8	1.6	2.2	1.6
Other food manufacturing .....	3119	2.6	1.8	0.8	( <sup>10</sup> )	( <sup>10</sup> )	1.0
Beverage and tobacco product manufacturing .....	312	4.4	8.0	6.2	2.6	3.7	1.8
Beverage manufacturing .....	3121	3.5	9.2	7.3	3.0	4.2	1.9
Tobacco manufacturing .....	3122	0.9	3.7	2.4	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Textile mills .....	313	3.5	3.9	1.7	0.6	1.1	2.2
Fiber, yarn, and thread mills .....	3131	1.4	2.5	1.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Fabric mills .....	3132	1.1	4.6	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	3.5
Textile and fabric finishing and fabric coating mills .....	3133	1.0	5.1	2.4	( <sup>10</sup> )	1.6	2.7
Textile product mills (scope changed in 2009) .....	314	2.6	5.6	2.7	1.7	1.0	2.9
Apparel manufacturing (scope changed in 2009) .....	315	4.9	3.0	1.6	1.0	0.7	1.3
Apparel knitting mills .....	3151	0.6	4.3	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	3.3
Cut and sew apparel manufacturing (scope changed in 2009) .....	3152	4.1	2.7	1.7	1.0	0.7	1.0
Cut and sew apparel contractors (scope changed in 2009) .....	31521	1.2	4.0	2.6	1.5	( <sup>10</sup> )	1.4
Men's and boys' cut and sew apparel manufacturing .....	31522	2.4	2.3	1.5	0.9	( <sup>10</sup> )	0.9
Women's and girls' cut and sew apparel manufacturing .....	31523	0.2	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Other cut and sew apparel manufacturing .....	31529	0.3	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Leather and allied product manufacturing .....	316	0.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	--	( <sup>10</sup> )
Wood product manufacturing .....	321	10.7	8.1	3.0	1.1	1.9	5.0
Sawmills and wood preservation .....	3211	2.7	7.0	3.1	2.3	--	4.0
Other wood product manufacturing .....	3219	7.2	8.2	3.1	0.6	2.5	5.1
Paper manufacturing .....	322	13.3	2.5	1.3	0.6	0.7	1.2
Pulp, paper, and paperboard mills .....	3221	3.3	1.5	0.8	0.6	( <sup>10</sup> )	0.7
Paper mills .....	32212	2.0	1.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.8
Converted paper product manufacturing .....	3222	10.0	2.9	1.5	0.7	0.8	1.4
Paperboard container manufacturing .....	32221	5.2	2.7	1.4	0.8	0.6	1.3
Printing and related support activities .....	323	10.3	3.9	2.6	1.0	1.6	1.3

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Printing and related support activities . . . . .	3231	10.3	3.9	2.6	1.0	1.6	1.3
Printing . . . . .	32311	9.8	3.8	2.5	1.0	1.5	1.3
Commercial lithographic printing . . . . .	323110	3.5	5.6	3.4	1.0	2.4	2.2
Books printing . . . . .	323117	0.3	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Chemical manufacturing . . . . .	325	24.5	2.2	1.1	0.5	0.7	1.0
Basic chemical manufacturing . . . . .	3251	4.6	1.6	0.8	0.5	( <sup>10</sup> )	0.8
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing . . . . .	3252	10.4	1.0	0.5	--	0.2	0.6
Plastics and rubber products manufacturing (scope changed in 2009) . . . . .	326	20.1	4.4	3.1	1.5	1.5	1.3
Plastics product manufacturing (scope changed in 2009) . . . . .	3261	10.9	4.2	3.1	1.5	1.5	1.2
Rubber product manufacturing (scope changed in 2009) . . . . .	3262	9.3	4.5	3.1	1.5	1.6	1.5
Nonmetallic mineral product manufacturing . . . . .	327	11.5	3.8	1.8	0.3	1.5	1.9
Glass and glass product manufacturing . . . . .	3272	3.5	3.5	1.7	0.5	1.2	1.8
Cement and concrete product manufacturing . . . . .	3273	4.7	2.0	1.4	--	1.3	0.6
Primary metal manufacturing . . . . .	331	9.3	7.3	2.7	1.4	1.3	4.6
Alumina and aluminum production and processing . . . . .	3313	2.8	3.3	1.3	( <sup>10</sup> )	0.9	2.0
Nonferrous metal (except aluminum) production and processing . . . . .	3314	1.3	2.9	1.7	( <sup>10</sup> )	( <sup>10</sup> )	1.2
Foundries . . . . .	3315	2.3	11.0	4.9	2.3	2.6	6.1
Fabricated metal product manufacturing . . . . .	332	33.1	5.3	2.2	1.1	1.1	3.1
Forging and stamping . . . . .	3321	2.2	10.1	4.0	3.0	1.0	6.2
Cutlery and handtool manufacturing . . . . .	3322	0.8	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Architectural and structural metals manufacturing . . . . .	3323	7.4	5.4	3.0	1.3	1.6	2.4
Boiler, tank, and shipping container manufacturing . . . . .	3324	2.7	8.1	3.7	2.6	1.1	4.4
Other fabricated metal product manufacturing . . . . .	3329	10.7	4.7	2.2	0.8	1.4	2.6
Machinery manufacturing (scope changed in 2009) . . . . .	333	24.0	4.2	2.2	0.8	1.4	2.0
Commercial and service industry machinery manufacturing . . . . .	3333	1.6	6.6	3.1	2.0	1.1	3.5
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	3334	9.6	5.1	3.7	1.1	2.7	1.4
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	33341	9.6	5.1	3.7	1.1	2.7	1.4
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	333415	7.0	4.2	3.2	0.8	2.5	1.0
Metalworking machinery manufacturing . . . . .	3335	3.3	3.4	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	3.4
Other general purpose machinery manufacturing (scope changed in 2009) . . . . .	3339	4.6	2.0	1.4	0.5	0.8	0.7
Computer and electronic product manufacturing . . . . .	334	5.4	0.9	0.5	( <sup>10</sup> )	( <sup>10</sup> )	0.4
Navigational, measuring, electromedical, and control instruments manufacturing (scope changed in 2009) . . . . .	3345	2.3	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

Tennessee							
Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Electrical equipment, appliance, and component manufacturing . . . . .	335	17.2	4.0	1.8	0.8	1.1	2.1
Electric lighting equipment manufacturing . . . . .	3351	1.6	5.0	1.7	( <sup>10</sup> )	( <sup>10</sup> )	3.3
Household appliance manufacturing . . . . .	3352	8.0	2.3	1.0	0.5	0.6	1.3
Small electrical appliance manufacturing . . . . .	33521	1.6	3.9	2.3	1.4	( <sup>10</sup> )	1.6
Major appliance manufacturing . . . . .	33522	6.4	1.9	0.7	( <sup>10</sup> )	0.5	1.2
Electrical equipment manufacturing . . . . .	3353	4.8	4.9	2.7	1.0	1.7	2.3
Electrical equipment manufacturing . . . . .	33531	4.8	4.9	2.7	1.0	1.7	2.3
Motor and generator manufacturing . . . . .	335312	1.5	6.4	3.2	1.5	1.7	3.2
Other electrical equipment and component manufacturing . . . . .	3359	2.9	6.1	2.6	1.2	1.5	3.5
Transportation equipment manufacturing (scope changed in 2009) . . . . .	336	39.1	4.3	2.1	0.7	1.4	2.1
Motor vehicle manufacturing . . . . .	3361	6.1	5.3	1.8	0.7	1.1	3.5
Motor vehicle parts manufacturing . . . . .	3363	27.6	4.1	2.2	0.6	1.6	1.9
Motor vehicle gasoline engine and engine parts manufacturing . . . . .	33631	3.2	5.1	3.1	0.8	2.3	2.0
Motor vehicle transmission and power train parts manufacturing . . . . .	33635	1.5	3.2	1.4	( <sup>10</sup> )	1.1	1.9
Motor vehicle metal stamping . . . . .	33637	3.3	7.4	3.2	1.2	2.1	4.2
Other motor vehicle parts manufacturing . . . . .	33639	7.5	3.3	1.9	0.6	1.3	1.4
Aerospace product and parts manufacturing . . . . .	3364	1.6	3.4	1.6	( <sup>10</sup> )	( <sup>10</sup> )	1.8
Ship and boat building (scope changed in 2009) . . . . .	3366	2.7	3.7	2.4	0.9	1.5	1.3
Furniture and related product manufacturing (scope changed in 2009) . . . . .	337	9.3	5.7	2.5	1.3	1.2	3.2
Household and institutional furniture and kitchen cabinet manufacturing (scope changed in 2009) . . . . .	3371	6.7	5.4	2.9	1.5	1.5	2.4
Miscellaneous manufacturing . . . . .	339	13.7	3.7	1.9	0.6	1.3	1.8
Medical equipment and supplies manufacturing . . . . .	3391	7.6	2.2	1.8	0.3	1.5	0.4
Other miscellaneous manufacturing . . . . .	3399	6.1	5.5	2.1	1.0	1.1	3.4
<b>Service-providing . . . . .</b>		1,764.8	3.3	1.6	0.9	0.7	1.7
<b>Trade, transportation, and utilities<sup>9</sup> . . . . .</b>		560.8	3.5	2.2	1.1	1.1	1.3
<b>Wholesale trade . . . . .</b>	42	120.1	3.6	2.4	1.0	1.3	1.3
Merchant wholesalers, durable goods . . . . .	423	59.7	3.5	2.3	1.0	1.4	1.1
Merchant wholesalers, nondurable goods . . . . .	424	44.5	4.6	2.9	1.3	1.6	1.7
<b>Retail trade . . . . .</b>	44-45	308.8	2.9	1.7	0.6	1.1	1.2

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Motor vehicle and parts dealers . . . . .	441	38.0	2.3	1.3	0.6	0.7	1.0
Electronics and appliance stores . . . . .	443	11.9	0.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.5
Building material and garden equipment and supplies dealers . . . . .	444	25.5	4.6	3.6	1.2	2.4	0.9
Food and beverage stores . . . . .	445	49.1	3.8	2.1	0.9	1.2	1.7
Clothing and clothing accessories stores . . . . .	448	25.9	1.1	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	1.0
Sporting goods, hobby, book, and music stores . . . . .	451	11.0	3.4	1.9	1.6	0.3	1.6
General merchandise stores . . . . .	452	70.9	4.2	2.8	0.7	2.1	1.4
<b>Transportation and warehousing<sup>9</sup></b> . . . . .	48-49	128.5	4.6	3.1	2.2	0.9	1.5
Air transportation . . . . .	481	5.9	7.2	5.8	4.2	1.6	1.4
Rail transportation <sup>9</sup> . . . . .	482	--	1.5	1.0	1.0	( <sup>10</sup> )	0.5
Truck transportation . . . . .	484	55.9	4.1	2.5	2.0	0.6	1.6
Support activities for transportation . . . . .	488	9.5	3.8	2.9	1.1	1.8	1.0
Couriers and messengers . . . . .	492	34.6	5.0	3.2	2.1	1.2	1.7
Warehousing and storage . . . . .	493	15.5	3.9	3.1	1.6	1.4	0.8
<b>Utilities</b> . . . . .	22	3.4	5.7	2.1	2.1	( <sup>10</sup> )	3.6
<b>Information</b> . . . . .		42.5	2.8	1.4	1.0	0.4	1.3
<b>Information</b> . . . . .	51	42.5	2.8	1.4	1.0	0.4	1.3
Publishing industries (except Internet) . . . . .	511	9.7	3.2	0.7	0.2	0.5	2.5
Newspaper, periodical, book, and directory publishers . . . . .	5111	8.4	3.7	0.8	( <sup>10</sup> )	0.6	3.0
Newspaper publishers . . . . .	51111	5.2	2.9	1.1	( <sup>10</sup> )	0.9	1.8
Motion picture and sound recording industries . . . . .	512	6.2	1.2	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	1.2
Broadcasting (except Internet) . . . . .	515	5.9	1.4	0.5	0.5	( <sup>10</sup> )	0.8
Telecommunications (scope changed in 2009) . . . . .	517	15.6	3.9	2.8	2.0	0.8	1.0
<b>Financial activities</b> . . . . .		133.9	1.5	0.8	0.5	0.3	0.6
<b>Real estate and rental and leasing</b> . . . . .	53	32.0	3.8	2.3	1.0	1.3	1.5
Rental and leasing services . . . . .	532	9.9	4.4	4.2	--	--	0.2
Automotive equipment rental and leasing . . . . .	5321	3.4	1.7	1.2	--	0.5	--

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Professional and business services</b> .....		329.1	1.7	0.8	0.6	0.2	0.9
<b>Professional, scientific, and technical services</b> .....	54	108.7	1.5	0.8	0.6	--	0.7
Professional, scientific, and technical services (scope changed in 2009) .....	541	108.7	1.5	0.8	0.6	--	0.7
<b>Management of companies and enterprises</b> .....	55	39.8	1.4	0.4	0.2	0.2	1.0
<b>Administrative and support and waste management and remediation services</b> .....	56	180.6	2.0	1.1	0.8	0.3	1.0
Administrative and support services (scope changed in 2009) .....	561	172.9	2.0	1.1	0.8	0.3	0.9
Facilities support services .....	5612	3.4	3.5	2.0	1.8	( <sup>10</sup> )	1.5
Waste management and remediation services .....	562	7.7	1.9	0.7	0.5	( <sup>10</sup> )	1.2
Waste collection .....	5621	2.0	2.9	1.7	1.1	( <sup>10</sup> )	1.2
<b>Education and health services</b> .....		369.9	4.6	1.8	0.8	1.0	2.7
<b>Educational services</b> .....	61	40.9	2.1	0.7	0.4	0.4	1.3
<b>Health care and social assistance</b> .....	62	329.0	4.9	2.0	0.9	1.1	2.9
Ambulatory health care services .....	621	127.8	1.9	0.5	0.3	0.2	1.4
Offices of physicians .....	6211	57.1	1.2	0.1	0.1	--	1.1
Outpatient care centers .....	6214	14.5	2.0	0.9	0.4	0.5	1.1
Hospitals .....	622	106.1	6.9	2.3	0.8	1.4	4.7
Nursing and residential care facilities .....	623	56.0	9.1	5.0	2.2	2.8	4.1
Social assistance .....	624	39.1	3.2	1.7	1.3	0.4	1.5
<b>Leisure and hospitality</b> .....		265.3	3.9	1.1	0.7	0.4	2.8
<b>Arts, entertainment, and recreation</b> .....	71	30.0	2.5	1.4	0.6	0.7	1.1
<b>Accommodation and food services</b> .....	72	235.3	4.0	1.1	0.7	0.4	2.9
Accommodation .....	721	31.5	3.9	1.9	0.7	1.3	1.9

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Food services and drinking places . . . . .	722	203.8	4.1	1.0	0.7	0.2	3.1
<b>Other services</b> . . . . .		63.4	2.5	1.3	0.9	0.5	1.2
<b>Other services, except public administration</b> . . . . .	81	63.4	2.5	1.3	0.9	0.5	1.2
Personal and laundry services . . . . .	812	24.0	2.2	1.2	0.8	0.5	1.0
Religious, grantmaking, civic, professional, and similar organizations . . . . .	813	18.4	2.5	1.0	0.5	0.5	1.4
<b>State and local government</b> . . . . .		370.6	5.0	2.3	1.6	0.6	2.8
<b>State government</b> . . . . .		91.3	2.9	1.2	1.1	( <sup>10</sup> )	1.7
<b>Service-providing</b> . . . . .		89.6	2.9	1.2	1.1	( <sup>10</sup> )	1.7
<b>Education and health services</b> . . . . .		51.4	2.5	1.2	1.1	0.1	1.3
<b>Educational services</b> . . . . .	61	44.4	1.6	0.7	0.7	0.1	0.9
Educational services . . . . .	611	44.4	1.6	0.7	0.7	0.1	0.9
Colleges, universities, and professional schools . . . . .	6113	33.5	1.4	0.7	0.6	0.1	0.7
<b>Health care and social assistance</b> . . . . .	62	7.1	--	6.2	6.2	( <sup>10</sup> )	6.1
Nursing and residential care facilities . . . . .	623	2.6	5.9	2.4	2.4	( <sup>10</sup> )	3.4
<b>Public administration</b> . . . . .		37.9	3.4	1.2	1.2	( <sup>10</sup> )	2.2
<b>Public administration</b> . . . . .	92	37.9	3.4	1.2	1.2	( <sup>10</sup> )	2.2
Justice, public order, and safety activities . . . . .	922	10.1	7.4	2.6	2.6	( <sup>10</sup> )	4.8
Justice, public order, and safety activities . . . . .	9221	10.1	7.4	2.6	2.6	( <sup>10</sup> )	4.8
<b>Local government</b> . . . . .		279.3	5.7	2.6	1.8	0.8	3.1
<b>Goods-producing<sup>6</sup></b> . . . . .		3.3	10.8	5.2	3.8	1.5	5.5

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Construction</b> .....		3.2	10.9	5.3	3.8	1.5	5.6
<b>Construction</b> .....	23	3.2	10.9	5.3	3.8	1.5	5.6
<b>Service-providing</b> .....		276.0	5.6	2.6	1.7	0.8	3.0
<b>Trade, transportation, and utilities<sup>9</sup></b> .....		13.9	5.8	2.9	1.5	1.4	2.9
<b>Transportation and warehousing<sup>9</sup></b> .....	48-49	--	--	--	--	--	--
Transit and ground passenger transportation .....	485	0.1	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
<b>Utilities</b> .....	22	12.5	5.9	3.0	1.4	1.6	2.9
Utilities .....	221	12.5	5.9	3.0	1.4	1.6	2.9
Water, sewage and other systems .....	2213	3.4	4.3	2.4	1.4	1.0	1.9
<b>Education and health services</b> .....		171.3	4.0	1.6	1.2	0.5	2.4
<b>Educational services</b> .....	61	139.8	3.3	1.3	1.0	0.3	2.0
Educational services .....	611	139.8	3.3	1.3	1.0	0.3	2.0
Elementary and secondary schools .....	6111	--	3.3	1.3	1.0	0.3	2.0
<b>Health care and social assistance</b> .....	62	31.6	7.1	3.0	1.8	1.2	4.1
Hospitals .....	622	24.2	7.2	2.8	1.7	1.1	4.4
Nursing and residential care facilities .....	623	2.8	6.7	4.9	2.1	2.8	1.8
<b>Public administration</b> .....		83.1	8.2	4.0	2.7	1.3	4.1
<b>Public administration</b> .....	92	83.1	8.2	4.0	2.7	1.3	4.1
Justice, public order, and safety activities .....	922	3.8	6.6	3.3	2.3	1.0	3.3
Justice, public order, and safety activities .....	9221	3.8	6.6	3.3	2.3	1.0	3.3

See footnotes at end of table.

**Table 7. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**Tennessee**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Police protection .....	92212	1.3	8.5	5.0	3.0	2.1	3.5
Fire protection .....	92216	1.0	10.0	5.1	4.2	( <sup>10</sup> )	4.9

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* 2007 Edition

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

<sup>5</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2007) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>9</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>10</sup> Data too small to be displayed.

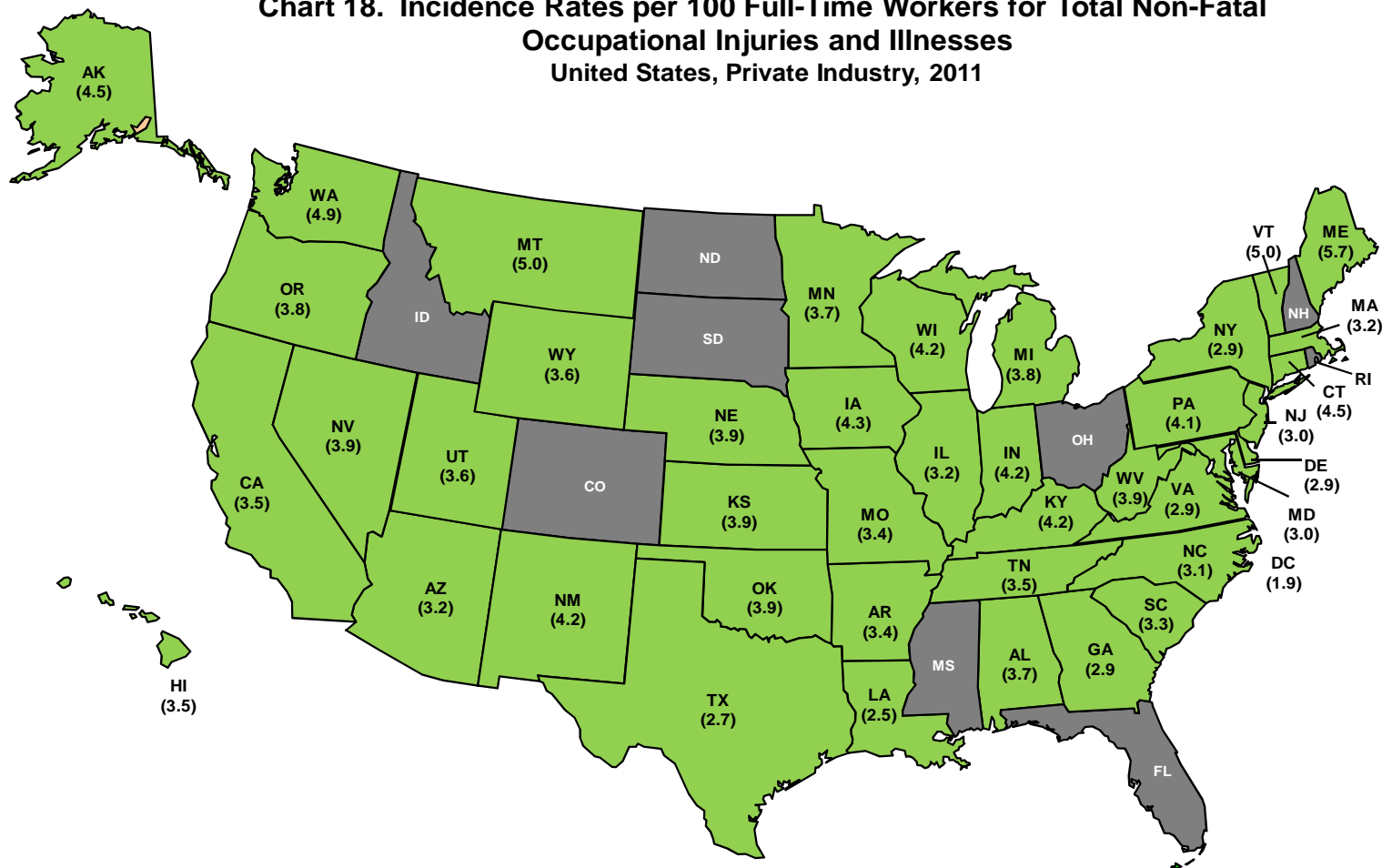
NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.



**Survey of Nonfatal Occupational  
Injuries and Illnesses  
United States, 2011 Charts**

**Chart 18. Incidence Rates per 100 Full-Time Workers for Total Non-Fatal Occupational Injuries and Illnesses**  
United States, Private Industry, 2011



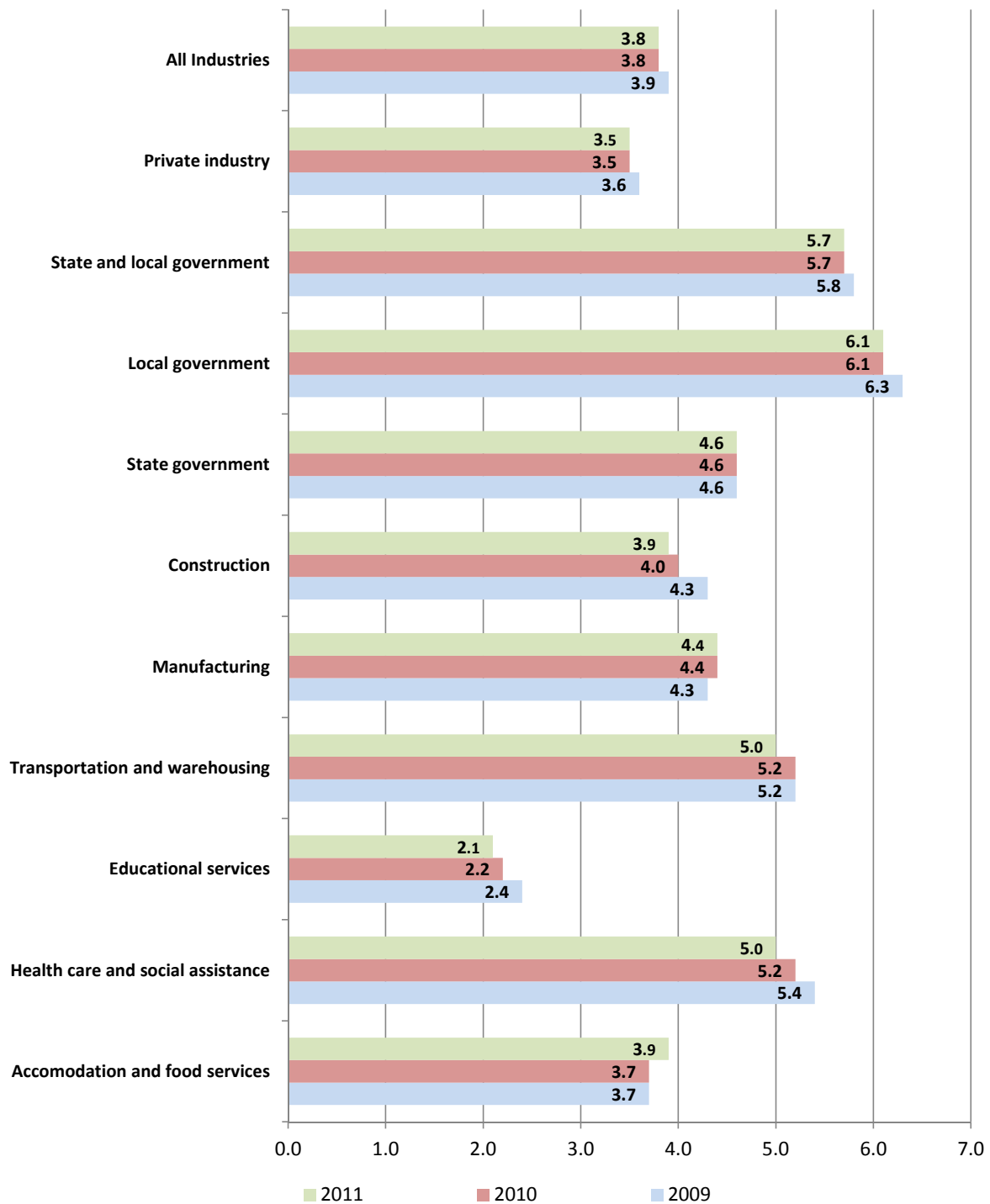
Compared to the national average of 3.5 cases per 100 full-time workers, injury and illness rates were higher in 19 states, lower in 12 states, and not statistically different in 10 states in 2011.

\* Total recordable case (TRC) incidence rate per 100 full-time workers (in parenthesis)

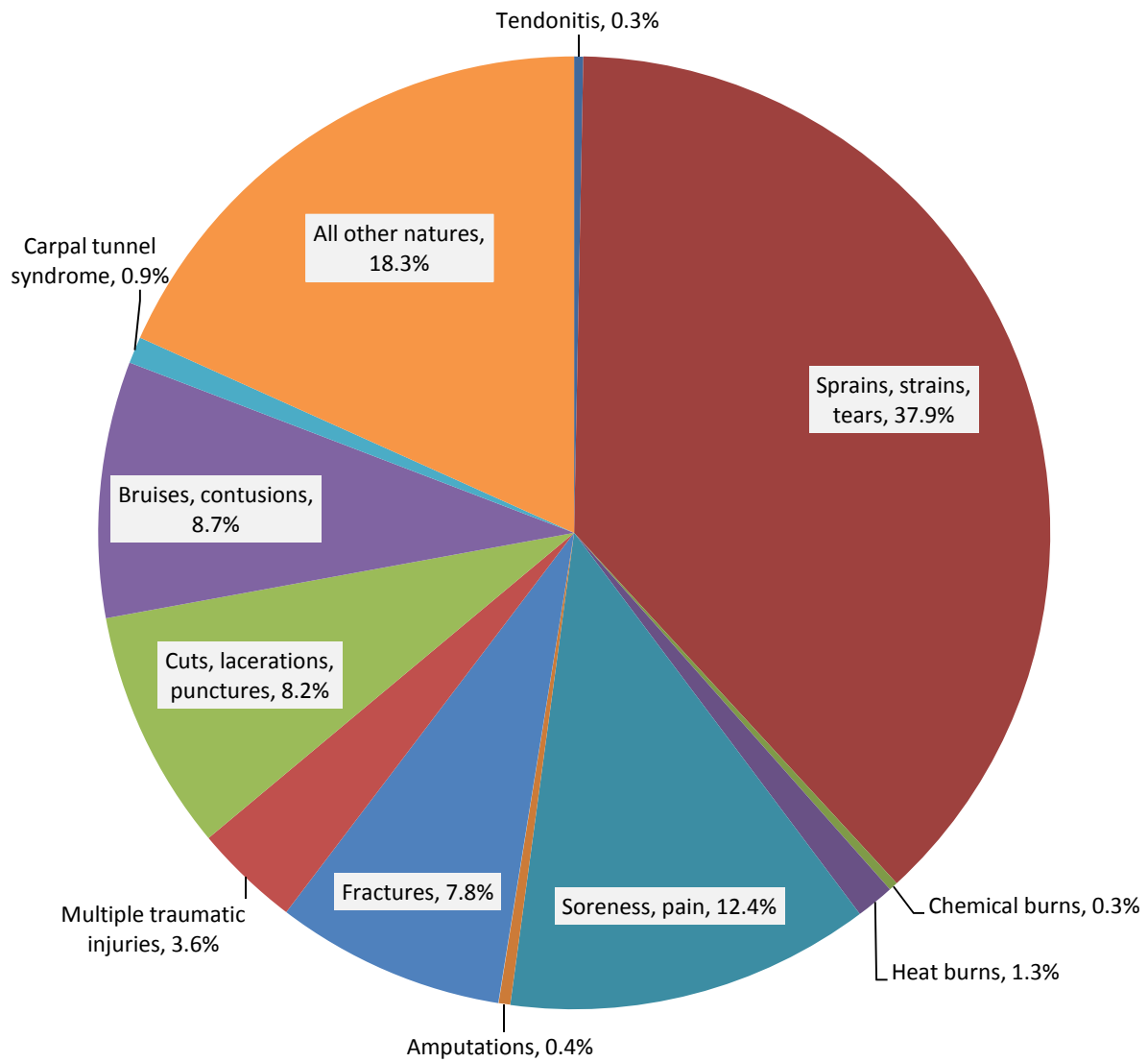
The following states do not participate in the Survey of Occupational Injuries and Illnesses program: Colorado, Florida, Idaho, Mississippi, New Hampshire, North Dakota, Ohio, Rhode Island and South Dakota

Source: Bureau of Labor Statistics, U.S. Department of Labor, October 2012

**Chart 19. Incidence Rates for Nonfatal Occupational Injuries and Illnesses by Major Industry Sector**  
United States, 2009 - 2011



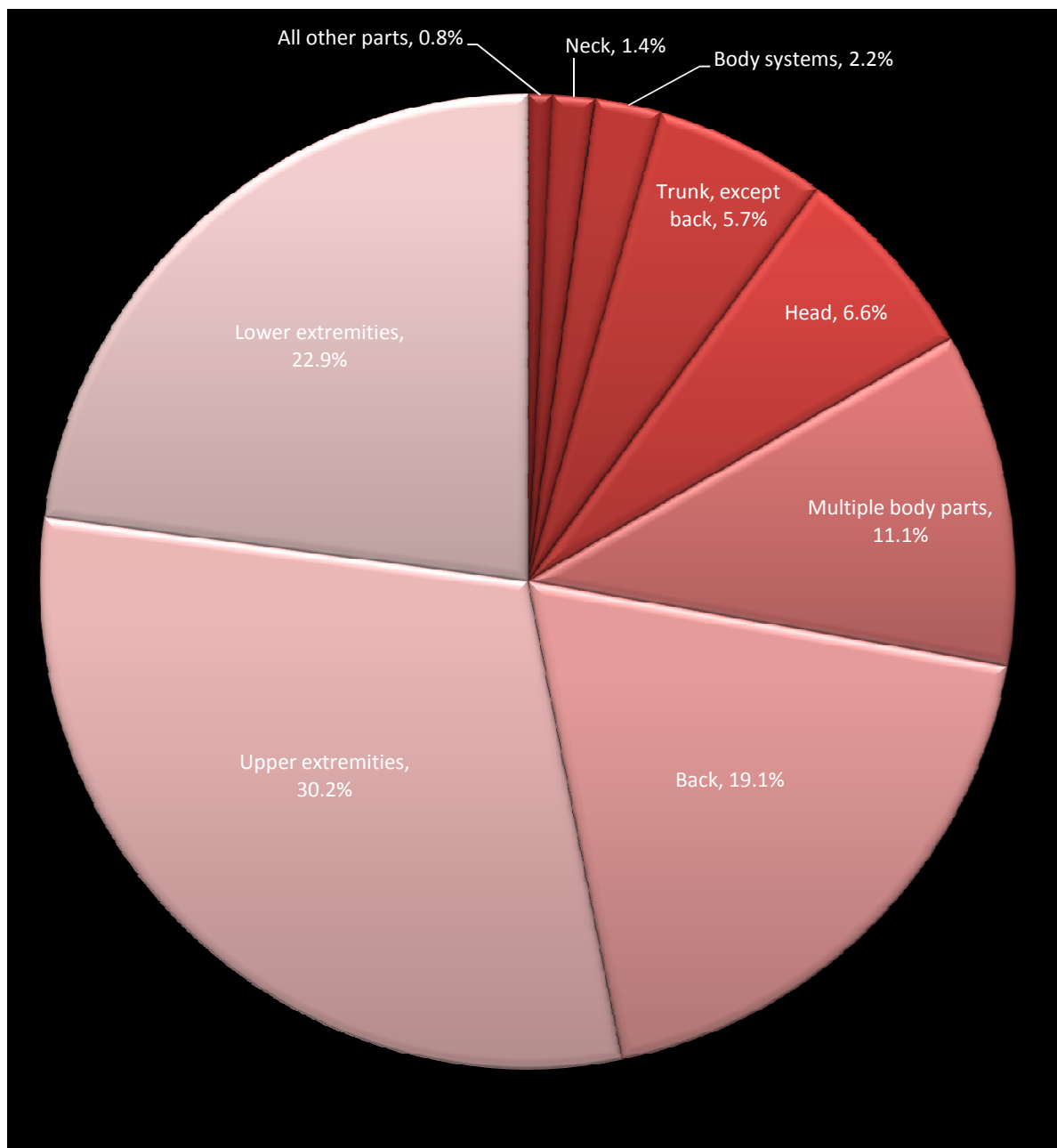
**Chart 20. Percent Distribution of Nonfatal Occupational Injuries and Illnesses by Nature of Injury or Illness**  
United States, all ownerships, 2011



Thirty-eight percent of all nonfatal occupational injuries and illnesses severe enough to require days away from work were due to sprains, strains, or tears.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 2012.

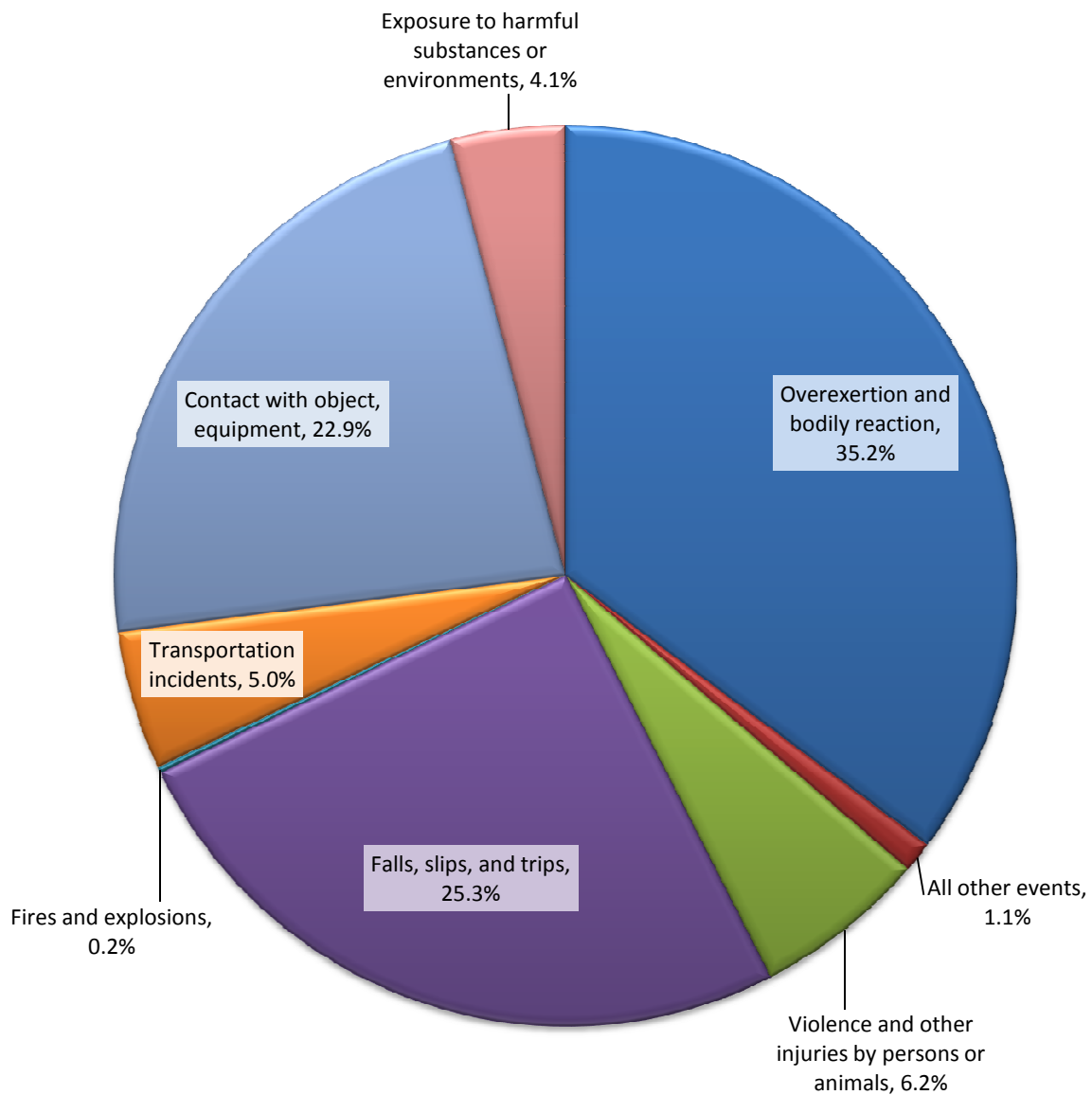
**Chart 21. Percent Distribution of Nonfatal Occupational  
Injuries and Illnesses by Part of Body**  
United States, all ownerships, 2011



Body parts confined to the upper extremities, which include shoulders, arms, wrists, hands, and fingers were the most frequent body division to sustain an injury which resulted in a days away from work case in the United States during 2011.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 2012.

**Chart 22. Percent Distribution of Nonfatal Occupational Injuries and Illnesses by Event or Exposure**  
United States, all ownerships, 2011



The most common event resulting in a days away from work case in the United States during 2011 was overexertion and bodily reaction. This category includes such events as lifting, carrying, climbing, bending, and repetitive motion injuries.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, November 2012.

**Survey of Nonfatal Occupational  
Injuries and Illnesses  
United States, 2011 Tables**

**Table 8. Incidence Rates for Nonfatal Occupational Injuries and Illnesses by State**

**United States, private industry, 2011**

State / Territory	Incidence Rates
Alabama	3.7
Alaska	4.5
Arizona	3.2
Arkansas	3.4
California	3.5
Connecticut	4.5
Delaware	2.9
District of Columbia	1.9
Georgia	2.9
Guam	3.8
Hawaii	3.5
Illinois	3.2
Indiana	4.2
Iowa	4.3
Kansas	3.9
Kentucky	4.2
Louisiana	2.5
Maine	5.7
Maryland	3.0
Massachusetts	3.2
Michigan	3.8
Minnesota	3.7
Missouri	3.4

State / Territory	Incidence Rate
Montana	5.0
Nebraska	3.9
Nevada	3.9
New Jersey	3.0
New Mexico	4.2
New York	2.9
North Carolina	3.1
Oklahoma	3.9
Oregon	3.8
Pennsylvania	4.1
Puerto Rico	4.0
South Carolina	3.3
Tennessee	3.5
Texas	2.7
Utah	3.6
Vermont	5.0
Virgin Islands	2.0
Virginia	2.9
Washington	4.9
West Virginia	3.9
Wisconsin	4.2
Wyoming	3.6

The following states do not participate in the Survey of Occupational Injuries and Illnesses program: Colorado, Florida, Idaho, Mississippi, New Hampshire, North Dakota, Ohio, Rhode Island, and South Dakota.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State, New York City, District of Columbia, and Federal agencies, Survey of Occupational Injuries and Illnesses.



**Table 9. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry Sector and Selected Case Types, 2009-2011**

**All United States**

Industry Sector <sup>2</sup>	Total recordable cases			Cases with days away from work, job transfer, or restriction									Other recordable cases		
				Total			Cases with days away from work <sup>6</sup>			Cases with job transfer or restriction					
	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011	2009	2010	2011
All industries including State and local government . . . . .	3.9	3.8	3.8	1.9	1.9	1.9	1.2	1.2	1.2	0.8	0.8	0.7	2.0	1.9	1.9
Private industry <sup>3</sup> . . . . .	3.6	3.5	3.5	1.8	1.8	1.8	1.1	1.1	1.1	0.8	0.8	0.7	1.8	1.7	1.7
Goods-producing <sup>3</sup> . . . . .	4.3	4.2	4.2	2.3	2.3	2.3	1.2	1.2	1.2	1.1	1.1	1.1	2.0	1.9	1.9
Natural resources and mining <sup>3,4</sup> . . . . .	4.0	3.7	4.0	2.2	2.2	2.4	1.4	1.4	1.4	0.8	0.8	0.9	1.7	1.5	1.6
Agriculture, forestry, fishing and hunting <sup>3</sup> . . . . .	5.3	4.8	5.5	2.9	2.7	3.2	1.6	1.7	1.8	1.2	1.1	1.4	2.4	2.0	2.3
Mining <sup>4</sup> . . . . .	2.4	2.3	2.2	1.5	1.4	1.4	1.1	1.0	0.9	0.4	0.4	0.5	1.0	0.9	0.9
Construction . . . . .	4.3	4.0	3.9	2.3	2.1	2.1	1.6	1.5	1.5	0.7	0.6	0.7	2.0	1.9	1.8
Manufacturing . . . . .	4.3	4.4	4.4	2.3	2.4	2.4	1.0	1.1	1.1	1.3	1.3	1.3	2.0	2.0	2.0
Service-providing . . . . .	3.4	3.4	3.3	1.7	1.7	1.6	1.0	1.0	1.0	0.7	0.7	0.6	1.7	1.6	1.6
Trade, transportation, and utilities <sup>5</sup> . . . . .	4.1	4.1	3.9	2.4	2.4	2.3	1.4	1.4	1.3	1.0	1.1	1.0	1.8	1.7	1.6
Wholesale trade . . . . .	3.3	3.4	3.2	2.0	2.1	1.9	1.1	1.1	1.1	0.9	1.0	0.9	1.3	1.3	1.3
Retail trade . . . . .	4.2	4.1	3.9	2.2	2.2	2.2	1.2	1.2	1.2	1.0	1.0	1.0	2.0	1.9	1.7
Transportation and Warehousing . . . . .	5.2	5.2	5.0	3.5	3.6	3.4	2.3	2.3	2.3	1.3	1.3	1.1	1.6	1.6	1.6
Utilities . . . . .	3.3	3.1	3.5	1.8	1.7	1.9	1.0	1.0	1.0	0.8	0.7	0.9	1.5	1.3	1.6
Information . . . . .	1.9	1.8	1.6	1.0	1.1	0.9	0.7	0.8	0.6	0.3	0.3	0.3	0.9	0.8	0.7
Financial activities . . . . .	1.5	1.3	1.4	0.6	0.6	0.6	0.4	0.4	0.4	0.2	0.2	0.2	0.8	0.7	0.7
Professional and business services . . . . .	1.8	1.7	1.7	0.9	0.9	0.8	0.6	0.6	0.5	0.3	0.3	0.3	0.9	0.8	0.9
Education and health services . . . . .	5.0	4.8	4.7	2.2	2.2	2.1	1.3	1.3	1.3	1.0	0.9	0.9	2.7	2.6	2.5
Educational services . . . . .	2.4	2.2	2.1	0.8	0.9	0.9	0.6	0.6	0.6	0.2	0.2	0.3	1.5	1.3	1.2
Health care and social assistance . . . . .	5.4	5.2	5.0	2.4	2.4	2.3	1.4	1.4	1.4	1.1	1.0	1.0	2.9	2.8	2.7
Leisure and hospitality . . . . .	3.9	3.9	4.0	1.6	1.7	1.6	1.0	1.1	1.0	0.6	0.6	0.6	2.3	2.2	2.4
Other services, except public administration . . . . .	2.9	2.7	2.6	1.4	1.3	1.3	1.0	0.9	0.9	0.5	0.4	0.4	1.5	1.4	1.2
State and local government . . . . .	5.8	5.7	5.7	2.5	2.5	2.5	1.8	1.8	1.9	0.7	0.7	0.6	3.3	3.2	3.2
State government . . . . .	4.6	4.6	4.6	2.3	2.3	2.3	1.8	1.8	1.8	0.5	0.5	0.5	2.3	2.4	2.3
Local government . . . . .	6.3	6.1	6.1	2.6	2.6	2.6	1.8	1.8	1.9	0.7	0.8	0.7	3.7	3.5	3.5

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 equivalent full-time workers  
(working 40 hours per week, 50 weeks per year).

<sup>2</sup> North American Industry Classification System, 2007 Edition

<sup>3</sup> Excludes farms with fewer than 11 employees.

<sup>4</sup> Data for mining (Sector 21 in the North American Industry Classification System, 2007 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded

from the coal, metal, and nonmetal mining industries. These data do not reflect the changes OSHA made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>5</sup> Data for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>6</sup> Days-away-from-work cases include those that result in days away from work with or without restricted work activity.

<sup>7</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>All industries including State and local government<sup>6</sup></b> .....		126,140.9	3.8	1.9	1.2	0.7	1.9
<b>Private industry<sup>6</sup></b> .....		107,654.2	3.5	1.8	1.1	0.7	1.7
<b>Goods-producing<sup>6</sup></b> .....		18,849.0	4.2	2.3	1.2	1.1	1.9
<b>Natural resources and mining<sup>6,7</sup></b> .....		1,644.6	4.0	2.4	1.4	0.9	1.6
<b>Agriculture, forestry, fishing and hunting<sup>6</sup></b> .....	11	974.9	5.5	3.2	1.8	1.4	2.3
Crop production (scope changed in 2009) <sup>6</sup> .....	111	413.8	5.5	3.2	1.7	1.5	2.2
Oilseed and grain farming <sup>6</sup> .....	1111	17.4	--	1.2	1.0	0.2	--
Vegetable and melon farming <sup>6</sup> .....	1112	84.9	5.2	3.1	2.0	1.2	2.1
Fruit and tree nut farming <sup>6</sup> .....	1113	154.0	5.5	3.5	2.0	1.5	2.0
Greenhouse, nursery, and floriculture production <sup>6</sup> .....	1114	121.5	5.7	3.7	1.6	2.1	2.1
Other crop farming (scope changed in 2009) <sup>6</sup> .....	1119	36.0	4.3	2.1	1.5	0.7	2.2
Animal production (scope changed in 2009) <sup>6</sup> .....	112	163.6	6.7	4.1	2.3	1.8	2.6
Cattle ranching and farming <sup>6</sup> .....	1121	92.6	6.8	4.2	2.5	--	2.6
Beef cattle ranching and farming, including feedlots <sup>6</sup> .....	11211	24.0	8.7	6.6	2.6	4.0	2.1
Dairy cattle and milk production <sup>6</sup> .....	11212	68.7	6.2	3.4	2.4	1.0	2.8
Hog and pig farming <sup>6</sup> .....	1122	20.9	7.2	4.1	1.9	2.2	3.1
Poultry and egg production <sup>6</sup> .....	1123	35.3	5.7	3.9	1.7	2.2	1.7
Other animal production <sup>6</sup> .....	1129	10.7	7.1	3.7	2.8	0.9	3.4
Forestry and logging .....	113	57.1	5.0	3.3	2.9	0.3	1.8
Logging .....	1133	50.2	5.4	3.6	3.3	0.3	1.8
Fishing, hunting and trapping .....	114	8.6	4.8	1.6	1.1	--	3.2
Fishing .....	1141	6.8	4.7	2.0	1.3	--	2.7
Hunting and trapping .....	1142	1.8	5.0	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	4.6
Support activities for agriculture and forestry .....	115	331.7	4.8	2.7	1.5	1.1	2.2
Support activities for crop production .....	1151	290.4	4.8	2.7	1.4	1.2	2.1
Support activities for crop production .....	11511	290.4	4.8	2.7	1.4	1.2	2.1
Soil preparation, planting, and cultivating .....	115112	23.6	1.8	1.5	--	0.7	--
Crop harvesting, primarily by machine .....	115113	9.4	4.3	2.9	1.1	1.8	1.4

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Postharvest crop activities (except cotton ginning) . . . . .	115114	79.4	6.0	2.9	1.6	1.4	3.1
Farm labor contractors and crew leaders . . . . .	115115	155.2	4.9	2.9	1.6	1.3	2.1
Support activities for animal production . . . . .	1152	27.0	4.7	2.4	1.5	0.9	2.3
Support activities for forestry . . . . .	1153	14.3	5.8	3.0	2.8	--	2.9
<b>Mining<sup>7</sup> . . . . .</b>	<b>21</b>	<b>669.7</b>	<b>2.2</b>	<b>1.4</b>	<b>0.9</b>	<b>0.5</b>	<b>0.9</b>
Oil and gas extraction . . . . .	211	149.4	0.9	0.5	0.4	0.1	0.4
Oil and gas extraction . . . . .	2111	149.4	0.9	0.5	0.4	0.1	0.4
Oil and gas extraction . . . . .	21111	149.4	0.9	0.5	0.4	0.1	0.4
Crude petroleum and natural gas extraction . . . . .	211111	144.1	0.9	0.4	0.4	0.1	0.4
Natural gas liquid extraction . . . . .	211112	5.3	2.2	1.3	1.3	( <sup>10</sup> )	0.9
Mining (except oil and gas) <sup>8</sup> . . . . .	212	208.1	3.0	1.9	1.5	0.5	1.1
Coal mining <sup>8</sup> . . . . .	2121	82.6	3.7	2.5	2.2	0.3	1.3
Coal mining <sup>8</sup> . . . . .	21211	82.6	3.7	2.5	2.2	0.3	1.3
Bituminous coal and lignite surface mining <sup>8</sup> . . . . .	212111	37.6	1.8	1.2	1.1	0.1	0.6
Bituminous coal underground mining <sup>8</sup> . . . . .	212112	44.0	5.3	3.4	3.0	0.5	1.8
Anthracite mining <sup>8</sup> . . . . .	212113	1.0	4.7	3.8	3.8	( <sup>10</sup> )	( <sup>10</sup> )
Metal ore mining <sup>8</sup> . . . . .	2122	38.4	2.3	1.5	0.9	0.5	0.9
Iron ore mining <sup>8</sup> . . . . .	21221	5.6	1.8	0.9	0.7	0.2	0.9
Gold ore and silver ore mining <sup>8</sup> . . . . .	21222	13.6	2.4	1.6	0.8	0.7	0.9
Gold ore mining <sup>8</sup> . . . . .	212221	12.4	2.1	1.3	0.6	0.7	0.8
Silver ore mining <sup>8</sup> . . . . .	212222	1.3	5.8	4.3	3.2	1.2	1.4
Copper, nickel, lead, and zinc mining <sup>8</sup> . . . . .	21223	14.6	2.2	1.4	0.9	0.5	0.8
Lead ore and zinc ore mining <sup>8</sup> . . . . .	212231	2.4	3.3	2.1	1.1	1.0	1.2
Copper ore and nickel ore mining <sup>8</sup> . . . . .	212234	12.2	2.1	1.3	0.9	0.4	0.8
Other metal ore mining <sup>8</sup> . . . . .	21229	4.6	3.2	2.0	1.6	0.4	1.3
Uranium-radium-vanadium ore mining <sup>8</sup> . . . . .	212291	1.0	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
All other metal ore mining <sup>8</sup> . . . . .	212299	3.6	3.4	2.0	1.6	0.4	1.3
Nonmetallic mineral mining and quarrying <sup>8</sup> . . . . .	2123	87.1	2.4	1.6	0.9	0.7	0.9
Stone mining and quarrying <sup>8</sup> . . . . .	21231	40.5	2.6	1.7	1.0	0.7	0.9
Dimension stone mining and quarrying <sup>8</sup> . . . . .	212311	6.8	3.5	2.4	1.8	0.6	1.0
Crushed and broken limestone mining and quarrying <sup>8</sup> . . . . .	212312	21.2	2.3	1.6	0.8	0.7	0.8
Crushed and broken granite mining and quarrying <sup>8</sup> . . . . .	212313	4.8	2.0	1.3	0.6	0.7	0.7
Other crushed and broken stone mining and quarrying <sup>8</sup> . . . . .	212319	7.7	2.9	1.8	1.1	0.7	1.1
Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying <sup>8</sup> . . . . .	21232	34.7	2.3	1.4	0.9	0.6	0.8

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Construction sand and gravel mining <sup>8</sup> . . . . .	212321	25.3	2.2	1.4	0.9	0.5	0.8
Kaolin and ball clay mining <sup>8</sup> . . . . .	212324	2.3	1.8	1.3	0.6	0.7	0.5
Clay and ceramic and refractory minerals mining <sup>8</sup> . . . . .	212325	3.4	3.0	1.8	1.0	0.8	1.2
Other nonmetallic mineral mining and quarrying <sup>8</sup> . . . . .	21239	11.9	2.3	1.5	0.7	0.8	0.9
Potash, soda, and borate mineral mining <sup>8</sup> . . . . .	212391	3.8	2.0	1.4	0.7	0.7	0.6
Phosphate rock mining <sup>8</sup> . . . . .	212392	1.7	1.4	1.0	( <sup>10</sup> )	0.7	( <sup>10</sup> )
Other chemical and fertilizer mineral mining <sup>8</sup> . . . . .	212393	2.7	3.2	1.9	1.1	0.8	1.3
All other nonmetallic mineral mining <sup>8</sup> . . . . .	212399	3.7	2.8	1.6	0.7	0.9	1.2
Support activities for mining . . . . .	213	312.1	2.3	1.4	0.8	0.6	0.9
Support activities for mining . . . . .	2131	312.1	2.3	1.4	0.8	0.6	0.9
Support activities for mining . . . . .	21311	312.1	2.3	1.4	0.8	0.6	0.9
Drilling oil and gas wells . . . . .	213111	75.9	3.0	1.6	0.9	0.7	1.4
Support activities for oil and gas operations . . . . .	213112	221.1	2.1	1.3	0.8	0.6	0.8
<b>Construction . . . . .</b>		5,576.7	3.9	2.1	1.5	0.7	1.8
<b>Construction . . . . .</b>	23	5,576.7	3.9	2.1	1.5	0.7	1.8
Construction of buildings . . . . .	236	1,259.6	3.6	1.9	1.2	0.7	1.7
Residential building construction . . . . .	2361	609.2	4.3	2.3	1.6	--	2.0
Nonresidential building construction . . . . .	2362	650.4	3.1	1.7	0.9	0.7	1.4
Heavy and civil engineering construction . . . . .	237	826.4	3.5	2.0	1.2	0.7	1.5
Utility system construction . . . . .	2371	394.1	2.9	1.8	1.1	0.6	1.2
Water and sewer line and related structures construction . . . . .	23711	156.2	3.6	2.1	1.3	0.8	1.5
Oil and gas pipeline and related structures construction . . . . .	23712	101.0	1.3	0.7	0.4	0.3	0.6
Power and communication line and related structures construction . . . . .	23713	136.9	3.6	2.3	1.5	0.8	1.3
Land subdivision . . . . .	2372	48.9	3.2	1.9	1.2	--	1.3
Highway, street, and bridge construction . . . . .	2373	285.9	4.4	2.4	1.5	0.8	2.0
Other heavy and civil engineering construction . . . . .	2379	97.5	3.6	1.9	1.0	0.9	1.6
Specialty trade contractors . . . . .	238	3,490.6	4.1	2.2	1.6	0.6	1.9
Foundation, structure, and building exterior contractors . . . . .	2381	673.5	5.1	3.0	2.0	0.9	2.2
Poured concrete foundation and structure contractors . . . . .	23811	143.7	6.5	3.7	2.3	--	--
Structural steel and precast concrete contractors . . . . .	23812	64.3	5.5	2.2	1.5	0.7	3.3
Framing contractors . . . . .	23813	52.3	7.3	5.5	4.2	1.3	1.8
Masonry contractors . . . . .	23814	132.5	3.3	2.1	1.4	0.7	1.2
Glass and glazing contractors . . . . .	23815	47.3	4.1	2.2	1.5	0.7	2.0

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Roofing contractors .....	23816	163.3	5.6	3.4	2.4	1.0	2.2
Siding contractors .....	23817	32.7	4.4	2.8	2.5	0.3	1.6
Other foundation, structure, and building exterior contractors .....	23819	37.3	2.8	1.3	1.0	0.3	1.5
Building equipment contractors .....	2382	1,649.3	4.1	2.0	1.5	0.6	2.1
Electrical contractors .....	23821	723.5	3.6	1.8	1.2	0.5	1.9
Plumbing, heating, and air-conditioning contractors .....	23822	807.8	4.5	2.3	1.7	0.6	2.2
Other building equipment contractors .....	23829	118.0	3.8	1.8	1.2	0.5	--
Building finishing contractors .....	2383	641.9	3.7	2.3	1.7	0.6	1.4
Drywall and insulation contractors .....	23831	197.1	4.4	2.7	1.8	0.9	1.7
Painting and wall covering contractors .....	23832	168.1	2.5	1.4	1.0	0.4	1.1
Flooring contractors .....	23833	61.5	3.0	2.2	1.7	0.5	0.8
Tile and terrazzo contractors .....	23834	41.4	3.3	2.3	1.8	0.6	1.0
Other building finishing contractors .....	23839	61.2	4.2	2.7	2.0	0.8	1.5
Other specialty trade contractors .....	2389	525.9	3.6	1.9	1.5	0.4	1.7
Site preparation contractors .....	23891	268.1	3.1	1.7	1.3	0.4	1.4
All other specialty trade contractors .....	23899	257.8	4.2	2.2	1.8	0.3	2.0
<b>Manufacturing .....</b>		11,627.7	4.4	2.4	1.1	1.3	2.0
<b>Manufacturing .....</b>	31-33	11,627.7	4.4	2.4	1.1	1.3	2.0
Food manufacturing .....	311	1,458.8	5.6	3.5	1.5	2.1	2.1
Animal food manufacturing .....	3111	51.6	4.9	2.4	1.2	1.2	2.5
Animal food manufacturing .....	31111	51.6	4.9	2.4	1.2	1.2	2.5
Dog and cat food manufacturing .....	311111	20.1	4.1	2.0	0.9	1.1	2.1
Other animal food manufacturing .....	311119	31.5	5.5	2.7	1.4	1.3	2.8
Grain and oilseed milling .....	3112	59.2	3.3	1.8	1.0	0.8	1.6
Flour milling and malt manufacturing .....	31121	18.1	3.9	2.1	1.1	1.0	1.8
Flour milling .....	311211	12.7	3.6	1.6	0.9	0.7	2.0
Starch and vegetable fats and oils manufacturing .....	31122	26.7	3.2	1.6	1.0	0.6	1.7
Wet corn milling .....	311221	12.2	2.3	1.0	0.9	0.1	1.3
Soybean processing .....	311222	6.4	3.2	1.5	1.0	0.4	1.8
Fats and oils refining and blending .....	311225	6.0	4.1	2.3	1.2	1.1	1.8
Breakfast cereal manufacturing .....	31123	14.4	2.8	1.7	0.8	0.9	1.1
Sugar and confectionery product manufacturing .....	3113	66.7	5.1	2.7	1.4	1.3	2.4
Sugar manufacturing .....	31131	12.0	7.8	3.5	2.1	1.4	4.2

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Beet sugar manufacturing .....	311313	6.2	9.4	3.7	1.7	1.9	5.8
Chocolate and confectionery manufacturing from cacao beans .....	31132	7.0	5.4	3.4	2.2	1.2	2.0
Confectionery manufacturing from purchased chocolate .....	31133	31.1	4.0	2.2	0.9	1.3	1.8
Nonchocolate confectionery manufacturing .....	31134	16.5	4.4	2.3	1.3	1.0	2.1
Fruit and vegetable preserving and specialty food manufacturing .....	3114	174.2	5.3	3.4	1.6	1.7	1.9
Frozen food manufacturing .....	31141	88.2	5.2	3.6	1.8	1.8	1.6
Frozen fruit, juice, and vegetable manufacturing .....	311411	31.4	5.5	3.4	1.5	1.9	2.0
Frozen specialty food manufacturing .....	311412	56.7	5.1	3.7	1.9	1.8	1.4
Fruit and vegetable canning, pickling, and drying .....	31142	86.0	5.4	3.2	1.5	1.7	2.3
Fruit and vegetable canning .....	311421	63.1	5.2	3.0	1.4	1.6	2.2
Specialty canning .....	311422	11.9	4.5	2.3	1.3	0.9	2.2
Dried and dehydrated food manufacturing .....	311423	11.0	7.7	5.2	2.1	3.1	2.5
Dairy product manufacturing .....	3115	133.8	5.9	3.8	2.0	1.9	2.1
Dairy product (except frozen) manufacturing .....	31151	113.0	6.3	4.0	2.0	2.0	2.2
Fluid milk manufacturing .....	311511	54.2	6.8	4.3	2.1	2.3	2.5
Cheese manufacturing .....	311513	41.8	6.1	4.0	2.0	2.0	2.1
Dry, condensed, and evaporated dairy product manufacturing .....	311514	14.7	5.2	3.5	2.2	1.3	1.7
Ice cream and frozen dessert manufacturing .....	31152	20.8	3.9	2.6	1.5	1.0	1.3
Animal slaughtering and processing .....	3116	487.8	6.4	4.3	1.2	3.1	2.2
Animal slaughtering and processing .....	31161	487.8	6.4	4.3	1.2	3.1	2.2
Animal (except poultry) slaughtering .....	311611	145.4	7.8	5.3	1.3	3.9	2.5
Meat processed from carcasses .....	311612	109.8	6.0	3.8	1.5	2.3	2.2
Rendering and meat byproduct processing .....	311613	8.4	5.0	3.1	1.1	2.0	1.9
Poultry processing .....	311615	224.1	5.8	3.9	0.9	3.0	1.9
Seafood product preparation and packaging .....	3117	36.1	7.4	4.5	2.6	1.8	3.0
Seafood product preparation and packaging .....	31171	36.1	7.4	4.5	2.6	1.8	3.0
Seafood canning .....	311711	6.2	10.2	5.4	3.6	1.8	4.8
Fresh and frozen seafood processing .....	311712	29.8	6.8	4.3	2.4	1.8	2.6
Bakeries and tortilla manufacturing .....	3118	283.2	5.0	3.1	1.5	1.6	1.9
Bread and bakery product manufacturing .....	31181	212.0	5.0	3.1	1.6	1.5	1.9
Retail bakeries .....	311811	70.3	2.6	1.2	0.9	0.3	1.5
Commercial bakeries .....	311812	130.5	5.8	3.7	1.9	1.8	2.1
Frozen cakes, pies, and other pastries manufacturing .....	311813	11.2	7.3	5.2	2.1	3.1	2.1
Cookie, cracker, and pasta manufacturing .....	31182	53.8	5.5	3.3	1.3	2.1	2.1
Cookie and cracker manufacturing .....	311821	31.6	6.2	4.1	1.3	2.7	2.1
Flour mixes and dough manufacturing from purchased flour .....	311822	16.6	4.4	2.3	1.3	1.0	2.1

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Dry pasta manufacturing . . . . .	311823	5.6	4.5	2.7	1.1	1.6	1.8
Tortilla manufacturing . . . . .	31183	17.3	3.9	3.0	1.6	1.5	0.9
Other food manufacturing . . . . .	3119	166.4	4.9	3.0	1.6	1.4	1.9
Snack food manufacturing . . . . .	31191	47.3	4.3	2.3	0.9	1.4	1.9
Roasted nuts and peanut butter manufacturing . . . . .	311911	12.8	5.9	3.2	0.8	2.4	2.7
Other snack food manufacturing . . . . .	311919	34.5	3.7	2.0	1.0	1.0	1.7
Coffee and tea manufacturing . . . . .	31192	14.3	4.9	3.6	2.0	1.6	1.3
Flavoring syrup and concentrate manufacturing . . . . .	31193	10.2	1.6	1.0	0.2	0.8	0.6
Seasoning and dressing manufacturing . . . . .	31194	32.7	5.3	3.7	2.2	1.5	1.5
Mayonnaise, dressing, and other prepared sauce manufacturing . . . . .	311941	12.4	6.2	4.4	2.6	1.8	1.8
Spice and extract manufacturing . . . . .	311942	20.3	4.7	3.3	2.0	1.4	1.3
All other food manufacturing . . . . .	31199	61.9	5.7	3.4	1.9	1.5	2.4
Perishable prepared food manufacturing . . . . .	311991	34.7	6.7	4.2	2.6	1.6	2.5
All other miscellaneous food manufacturing . . . . .	311999	27.3	4.6	2.4	1.1	1.3	2.2
Beverage and tobacco product manufacturing . . . . .	312	186.2	6.9	5.3	--	2.5	1.6
Beverage manufacturing . . . . .	3121	169.2	7.3	5.6	--	2.7	1.6
Soft drink and ice manufacturing . . . . .	31211	93.5	9.4	7.6	--	3.5	1.8
Soft drink manufacturing . . . . .	312111	73.1	9.8	--	--	3.8	1.7
Bottled water manufacturing . . . . .	312112	13.2	5.8	4.1	1.6	2.5	1.7
Ice manufacturing . . . . .	312113	7.3	11.9	9.0	8.0	1.1	2.8
Breweries . . . . .	31212	26.0	3.9	1.7	0.7	1.0	2.2
Wineries . . . . .	31213	41.8	4.1	3.4	1.5	1.9	0.8
Distilleries . . . . .	31214	7.8	3.0	1.3	0.5	0.8	1.7
Tobacco manufacturing . . . . .	3122	17.0	3.3	2.0	1.3	0.7	1.3
Tobacco product manufacturing . . . . .	31222	13.6	2.9	1.7	1.2	0.6	1.1
Cigarette manufacturing . . . . .	312221	7.4	2.8	1.7	1.5	( <sup>10</sup> )	1.2
Other tobacco product manufacturing . . . . .	312229	6.2	3.0	1.9	0.7	1.2	1.1
Textile mills . . . . .	313	120.8	3.5	2.0	0.9	1.1	1.5
Fiber, yarn, and thread mills . . . . .	3131	29.5	2.5	1.4	0.6	0.8	1.1
Fiber, yarn, and thread mills . . . . .	31311	29.5	2.5	1.4	0.6	0.8	1.1
Yarn spinning mills . . . . .	313111	21.1	2.4	1.3	0.5	0.8	1.1
Yarn texturizing, throwing, and twisting mills . . . . .	313112	7.4	2.3	1.7	0.6	1.0	0.6
Thread mills . . . . .	313113	1.0	5.7	2.9	( <sup>10</sup> )	( <sup>10</sup> )	2.8
Fabric mills . . . . .	3132	55.5	3.5	2.0	1.1	0.9	1.4
Broadwoven fabric mills . . . . .	31321	29.5	3.1	2.1	1.0	1.1	0.9
Nonwoven fabric mills . . . . .	31323	11.4	4.0	2.0	1.2	0.8	2.1

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Knit fabric mills . . . . .	31324	6.9	2.5	1.8	1.4	0.4	0.7
Weft knit fabric mills . . . . .	313241	3.1	2.5	2.1	1.5	0.6	( <sup>10</sup> )
Other knit fabric and lace mills . . . . .	313249	3.8	2.5	1.6	1.3	( <sup>10</sup> )	0.9
Textile and fabric finishing and fabric coating mills . . . . .	3133	35.9	4.3	2.4	0.9	1.5	1.9
Textile and fabric finishing mills . . . . .	31331	28.8	3.3	1.9	0.6	1.3	1.5
Broadwoven fabric finishing mills . . . . .	313311	17.0	3.5	2.1	0.6	1.4	1.4
Textile and fabric finishing (except broadwoven fabric) mills . . . . .	313312	11.7	3.1	1.5	0.6	1.0	1.5
Fabric coating mills . . . . .	31332	7.1	7.8	4.2	1.9	2.3	3.6
Textile product mills (scope changed in 2009) . . . . .	314	119.6	3.5	1.9	0.9	1.0	1.5
Textile furnishings mills . . . . .	3141	56.8	2.4	1.6	0.6	1.0	0.8
Carpet and rug mills . . . . .	31411	34.6	2.3	1.5	0.6	1.0	0.8
Curtain and linen mills . . . . .	31412	22.2	2.5	1.7	0.7	0.9	0.8
Curtain and drapery mills . . . . .	314121	10.3	0.8	0.4	0.4	( <sup>10</sup> )	0.3
Other household textile product mills . . . . .	314129	12.0	3.8	2.6	1.0	1.6	1.2
Other textile product mills (scope changed in 2009) . . . . .	3149	62.8	4.5	2.3	1.2	1.1	2.2
Textile bag and canvas mills . . . . .	31491	24.8	5.1	2.6	1.2	1.4	2.6
Canvas and related product mills . . . . .	314912	16.8	6.8	3.3	1.4	1.9	3.6
All other textile product mills (scope changed in 2009) . . . . .	31499	38.0	4.1	2.1	1.1	1.0	2.0
Tire cord and tire fabric mills . . . . .	314992	2.6	6.1	2.5	1.5	1.1	3.6
All other miscellaneous textile product mills (scope changed in 2009) . . . . .	314999	31.4	3.5	1.9	1.1	0.7	1.6
Apparel manufacturing (scope changed in 2009) . . . . .	315	163.3	2.5	1.1	0.6	0.6	1.4
Apparel knitting mills . . . . .	3151	17.9	2.9	1.5	0.7	0.7	1.4
Hosiery and sock mills . . . . .	31511	11.1	2.9	1.7	0.6	1.1	1.1
Other hosiery and sock mills . . . . .	315119	5.3	2.6	1.4	0.6	0.8	1.1
Other apparel knitting mills . . . . .	31519	6.7	3.0	1.0	0.9	( <sup>10</sup> )	1.9
Outerwear knitting mills . . . . .	315191	5.1	3.9	1.3	1.1	( <sup>10</sup> )	2.6
Underwear and nightwear knitting mills . . . . .	315192	1.6	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Cut and sew apparel manufacturing (scope changed in 2009) . . . . .	3152	131.6	2.3	1.0	0.5	0.6	1.3
Cut and sew apparel contractors (scope changed in 2009) . . . . .	31521	47.4	2.5	1.0	0.4	0.6	1.5
Men's and boys' cut and sew apparel contractors (scope changed in 2009) . . . . .	315211	10.6	1.6	1.0	0.5	0.6	0.5
Men's and boys' cut and sew apparel manufacturing . . . . .	31522	33.2	3.1	1.3	0.7	0.6	1.8
Men's and boys' cut and sew work clothing manufacturing . . . . .	315225	6.2	4.1	1.9	0.7	1.2	2.2
Men's and boys' cut and sew other outerwear manufacturing . . . . .	315228	5.6	2.3	1.2	0.4	0.8	1.1
Women's and girls' cut and sew apparel manufacturing . . . . .	31523	35.0	1.4	0.8	0.3	0.5	0.6
Other cut and sew apparel manufacturing . . . . .	31529	16.0	2.2	1.0	0.5	0.6	1.2
All other cut and sew apparel manufacturing . . . . .	315299	11.9	2.9	1.4	0.6	0.8	1.5

See footnotes at end of table.



Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Apparel accessories and other apparel manufacturing . . . . .	3159	13.8	3.7	1.3	1.2	0.1	2.3
Apparel accessories and other apparel manufacturing . . . . .	31599	13.8	3.7	1.3	1.2	0.1	2.3
Hat, cap, and millinery manufacturing . . . . .	315991	4.6	6.2	1.5	1.5	( <sup>10</sup> )	4.6
Other apparel accessories and other apparel manufacturing . . . . .	315999	6.6	1.4	0.5	0.3	( <sup>10</sup> )	1.0
Leather and allied product manufacturing . . . . .	316	29.9	6.1	3.4	1.7	1.7	2.7
Leather and hide tanning and finishing . . . . .	3161	4.0	7.8	4.5	3.0	1.6	3.3
Footwear manufacturing . . . . .	3162	14.3	5.7	3.0	1.5	1.5	2.8
Footwear manufacturing . . . . .	31621	14.3	5.7	3.0	1.5	1.5	2.8
Men's footwear (except athletic) manufacturing . . . . .	316213	6.3	7.0	3.5	1.6	1.9	3.5
Other leather and allied product manufacturing . . . . .	3169	11.6	6.0	3.5	1.6	1.9	2.5
Other leather and allied product manufacturing . . . . .	31699	11.6	6.0	3.5	1.6	1.9	2.5
Luggage manufacturing . . . . .	316991	3.8	6.1	1.9	1.5	--	4.2
Personal leather good (except women's handbag and purse) manufacturing . . . . .	316993	1.3	3.7	1.7	( <sup>10</sup> )	( <sup>10</sup> )	1.9
All other leather good and allied product manufacturing . . . . .	316999	4.9	6.3	4.9	2.1	2.8	1.4
Wood product manufacturing . . . . .	321	338.1	6.5	3.5	1.9	1.6	3.0
Sawmills and wood preservation . . . . .	3211	84.3	6.4	3.4	2.2	1.2	3.0
Sawmills and wood preservation . . . . .	32111	84.3	6.4	3.4	2.2	1.2	3.0
Sawmills . . . . .	321113	75.9	6.5	3.3	2.0	1.3	3.2
Wood preservation . . . . .	321114	8.4	6.0	4.3	3.6	0.7	1.7
Veneer, plywood, and engineered wood product manufacturing . . . . .	3212	62.3	4.8	2.3	1.3	1.1	2.5
Veneer, plywood, and engineered wood product manufacturing . . . . .	32121	62.3	4.8	2.3	1.3	1.1	2.5
Hardwood veneer and plywood manufacturing . . . . .	321211	14.9	5.1	2.3	1.2	1.1	2.8
Softwood veneer and plywood manufacturing . . . . .	321212	13.8	4.0	2.1	0.9	1.2	1.9
Engineered wood member (except truss) manufacturing . . . . .	321213	4.1	3.8	2.0	0.7	1.3	1.8
Truss manufacturing . . . . .	321214	17.4	7.6	3.5	2.1	1.5	4.1
Reconstituted wood product manufacturing . . . . .	321219	12.2	2.3	1.3	0.9	0.4	1.0
Other wood product manufacturing . . . . .	3219	191.6	7.1	3.9	1.9	2.0	3.2
Millwork . . . . .	32191	89.5	6.0	3.3	1.6	1.6	2.7
Wood window and door manufacturing . . . . .	321911	43.0	5.6	3.2	1.8	1.4	2.4
Cut stock, resawing lumber, and planing . . . . .	321912	11.8	5.5	2.9	1.5	1.4	2.7
Other millwork (including flooring) . . . . .	321918	34.7	6.6	3.5	1.6	1.9	3.1
Wood container and pallet manufacturing . . . . .	32192	52.4	7.6	4.1	2.1	2.0	3.5
All other wood product manufacturing . . . . .	32199	49.6	8.3	4.8	2.2	2.6	3.5
Manufactured home (mobile home) manufacturing . . . . .	321991	17.9	10.9	5.8	2.1	3.7	5.1
Prefabricated wood building manufacturing . . . . .	321992	13.1	8.2	5.4	2.1	3.3	2.8
All other miscellaneous wood product manufacturing . . . . .	321999	18.7	6.1	3.4	2.3	1.1	2.7

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Paper manufacturing .....	322	386.1	3.4	1.9	1.0	0.9	1.5
Pulp, paper, and paperboard mills .....	3221	108.1	2.7	1.4	0.9	0.6	1.3
Pulp mills .....	32211	5.9	1.9	1.1	0.8	0.3	0.8
Paper mills .....	32212	72.6	2.7	1.4	0.9	0.5	1.3
Paper (except newsprint) mills .....	322121	65.0	2.7	1.3	0.8	0.5	1.4
Newsprint mills .....	322122	7.6	2.7	1.7	1.3	0.4	1.0
Paperboard mills .....	32213	29.6	2.9	1.6	0.8	0.8	1.3
Converted paper product manufacturing .....	3222	278.0	3.7	2.1	1.0	1.0	1.6
Paperboard container manufacturing .....	32221	146.5	3.4	1.9	1.1	0.9	1.5
Corrugated and solid fiber box manufacturing .....	322211	92.6	3.6	2.1	1.1	0.9	1.6
Folding paperboard box manufacturing .....	322212	28.5	3.4	1.9	1.1	0.8	1.5
Fiber can, tube, drum, and similar products manufacturing .....	322214	7.8	2.9	1.3	0.6	0.7	1.6
Nonfolding sanitary food container manufacturing .....	322215	11.2	3.1	1.8	0.8	1.0	1.2
Paper bag and coated and treated paper manufacturing .....	32222	62.6	4.5	2.6	1.2	1.4	1.9
Coated and laminated packaging paper manufacturing .....	322221	17.5	5.1	2.8	1.3	1.4	2.4
Coated and laminated paper manufacturing .....	322222	26.7	4.0	2.1	1.1	1.0	1.9
Coated paper bag and pouch manufacturing .....	322223	8.0	5.3	3.3	1.0	2.3	2.0
Uncoated paper and multiwall bag manufacturing .....	322224	7.7	3.7	2.9	1.4	1.6	0.8
Stationery product manufacturing .....	32223	24.3	4.6	2.3	1.1	1.2	2.3
Die-cut paper and paperboard office supplies manufacturing .....	322231	10.1	5.7	1.9	1.4	0.5	3.8
Envelope manufacturing .....	322232	11.2	4.3	3.0	1.1	1.8	1.3
Other converted paper product manufacturing .....	32229	44.7	3.0	1.6	0.7	0.8	1.4
Sanitary paper product manufacturing .....	322291	28.9	2.4	1.4	0.5	0.9	1.0
All other converted paper product manufacturing .....	322299	15.8	4.1	1.9	1.1	0.7	2.3
Printing and related support activities .....	323	478.1	2.9	1.6	0.8	0.8	1.3
Printing and related support activities .....	3231	478.1	2.9	1.6	0.8	0.8	1.3
Printing .....	32311	444.6	3.0	1.7	0.8	0.9	1.3
Commercial lithographic printing .....	323110	161.6	3.6	2.0	1.0	1.1	1.5
Commercial flexographic printing .....	323112	29.6	3.0	1.8	1.0	0.8	1.2
Commercial screen printing .....	323113	60.9	2.3	1.1	0.5	0.6	1.3
Quick printing .....	323114	41.3	1.0	0.6	0.5	0.1	0.4
Digital printing .....	323115	21.0	1.8	1.2	0.3	0.9	0.6
Manifold business forms printing .....	323116	20.9	3.3	1.6	0.7	0.9	1.7
Books printing .....	323117	22.8	3.6	2.0	0.9	1.2	1.6
Blankbook, looseleaf binders, and devices manufacturing .....	323118	4.7	4.5	1.0	--	0.6	3.5
Other commercial printing .....	323119	34.4	3.6	2.1	1.3	0.8	1.5

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Support activities for printing . . . . .	32312	33.5	2.0	1.1	0.6	0.5	0.9
Tradebinding and related work . . . . .	323121	18.3	2.7	1.6	0.8	0.7	1.1
Prepress services . . . . .	323122	15.2	1.0	0.5	0.3	--	0.6
Petroleum and coal products manufacturing . . . . .	324	109.6	2.0	1.0	0.5	0.6	0.9
Petroleum and coal products manufacturing . . . . .	3241	109.6	2.0	1.0	0.5	0.6	0.9
Petroleum refineries . . . . .	32411	69.9	1.1	0.6	0.4	0.2	0.5
Asphalt paving, roofing, and saturated materials manufacturing . . . . .	32412	24.5	3.0	1.3	0.6	0.7	1.7
Asphalt paving mixture and block manufacturing . . . . .	324121	13.9	3.7	1.5	1.0	0.5	2.2
Asphalt shingle and coating materials manufacturing . . . . .	324122	10.6	2.2	1.1	0.2	0.9	1.1
Other petroleum and coal products manufacturing . . . . .	32419	15.2	4.6	2.8	0.9	1.8	1.9
All other petroleum and coal products manufacturing . . . . .	324199	5.4	3.5	2.6	1.7	0.9	0.9
Chemical manufacturing . . . . .	325	808.2	2.4	1.4	0.7	0.7	1.0
Basic chemical manufacturing . . . . .	3251	142.4	2.1	1.2	0.6	0.5	1.0
Petrochemical manufacturing . . . . .	32511	24.4	0.6	0.4	0.2	0.2	0.3
Industrial gas manufacturing . . . . .	32512	17.5	0.9	0.5	0.3	0.2	0.4
Synthetic dye and pigment manufacturing . . . . .	32513	13.8	2.4	1.3	0.5	0.8	1.1
Inorganic dye and pigment manufacturing . . . . .	325131	8.7	1.5	0.9	0.5	0.5	0.6
Synthetic organic dye and pigment manufacturing . . . . .	325132	5.1	3.9	1.9	0.5	1.3	2.0
Other basic inorganic chemical manufacturing . . . . .	32518	40.0	3.4	2.0	1.3	0.7	1.3
Alkalies and chlorine manufacturing . . . . .	325181	11.7	2.9	1.3	0.8	0.5	1.6
Carbon black manufacturing . . . . .	325182	1.7	3.5	2.3	1.4	0.9	1.2
All other basic inorganic chemical manufacturing . . . . .	325188	26.7	3.6	2.4	1.5	0.8	1.2
Other basic organic chemical manufacturing . . . . .	32519	46.7	2.2	1.0	0.4	0.6	1.2
Gum and wood chemical manufacturing . . . . .	325191	2.2	4.1	1.2	--	--	2.9
Ethyl alcohol manufacturing . . . . .	325193	9.9	3.7	1.3	0.4	0.9	2.4
All other basic organic chemical manufacturing . . . . .	325199	33.7	1.7	0.9	0.4	0.6	0.7
Resin, synthetic rubber, and artificial and synthetic fibers and filaments manufacturing . . . . .	3252	89.2	2.8	1.8	0.8	1.0	1.1
Resin and synthetic rubber manufacturing . . . . .	32521	64.0	3.2	2.0	0.9	1.1	1.3
Plastics material and resin manufacturing . . . . .	325211	53.3	3.1	2.0	0.9	1.1	1.1
Synthetic rubber manufacturing . . . . .	325212	10.7	3.8	1.9	0.9	1.1	1.8
Artificial and synthetic fibers and filaments manufacturing . . . . .	32522	25.2	1.8	1.2	0.5	0.7	0.6
Cellulosic organic fiber manufacturing . . . . .	325221	12.7	1.7	1.1	0.5	0.6	0.6
Noncellulosic organic fiber manufacturing . . . . .	325222	12.6	1.9	1.2	0.5	0.7	0.7
Pesticide, fertilizer, and other agricultural chemical manufacturing . . . . .	3253	36.0	3.1	1.7	0.7	1.0	1.5
Fertilizer manufacturing . . . . .	32531	22.1	3.5	1.8	0.8	1.0	1.8

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Nitrogenous fertilizer manufacturing . . . . .	325311	7.4	1.5	0.6	0.2	0.4	0.9
Phosphatic fertilizer manufacturing . . . . .	325312	6.8	1.7	0.7	( <sup>10</sup> )	0.6	1.0
Fertilizer (mixing only) manufacturing . . . . .	325314	7.9	7.7	4.2	2.1	2.1	3.4
Pesticide and other agricultural chemical manufacturing . . . . .	32532	13.9	2.5	1.5	0.5	1.0	1.0
Pharmaceutical and medicine manufacturing . . . . .	3254	297.4	2.0	1.2	0.5	0.6	0.8
Pharmaceutical and medicine manufacturing . . . . .	32541	297.4	2.0	1.2	0.5	0.6	0.8
Medicinal and botanical manufacturing . . . . .	325411	22.6	3.2	1.9	1.1	0.7	1.4
Pharmaceutical preparation manufacturing . . . . .	325412	225.3	2.0	1.2	0.5	0.7	0.8
In-vitro diagnostic substance manufacturing . . . . .	325413	23.1	1.5	0.8	0.5	0.4	0.7
Biological product (except diagnostic) manufacturing . . . . .	325414	26.4	1.6	0.8	0.4	0.4	0.8
Paint, coating, and adhesive manufacturing . . . . .	3255	56.9	2.5	1.5	0.8	0.7	1.0
Paint and coating manufacturing . . . . .	32551	36.6	2.7	1.6	0.8	0.8	1.0
Adhesive manufacturing . . . . .	32552	20.3	2.2	1.2	0.8	0.4	1.0
Soap, cleaning compound, and toilet preparation manufacturing . . . . .	3256	102.0	2.5	1.6	0.7	0.8	0.9
Soap and cleaning compound manufacturing . . . . .	32561	51.9	2.6	1.5	0.7	0.8	1.1
Soap and other detergent manufacturing . . . . .	325611	24.0	2.2	1.3	0.4	0.9	0.9
Polish and other sanitation good manufacturing . . . . .	325612	23.2	2.9	1.8	1.0	0.8	1.0
Surface active agent manufacturing . . . . .	325613	4.6	3.5	1.4	--	0.5	2.1
Toilet preparation manufacturing . . . . .	32562	50.1	2.3	1.6	0.8	0.8	0.7
Other chemical product and preparation manufacturing . . . . .	3259	84.2	3.4	2.0	1.1	0.8	1.4
Printing ink manufacturing . . . . .	32591	9.4	4.7	2.9	1.5	1.4	1.8
Explosives manufacturing . . . . .	32592	7.2	6.1	1.9	1.0	0.9	4.2
All other chemical product and preparation manufacturing . . . . .	32599	67.6	2.9	1.9	1.1	0.7	1.1
Custom compounding of purchased resins . . . . .	325991	15.3	3.1	2.4	1.4	1.0	0.7
Photographic film, paper, plate, and chemical manufacturing . . . . .	325992	17.8	2.7	1.4	0.6	0.8	1.3
All other miscellaneous chemical product and preparation manufacturing . . . . .	325998	34.5	3.0	1.8	1.2	0.6	1.1
Plastics and rubber products manufacturing (scope changed in 2009) . . . . .	326	632.2	4.9	2.8	1.3	1.5	2.1
Plastics product manufacturing (scope changed in 2009) . . . . .	3261	507.4	4.7	2.7	1.3	1.4	2.1
Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	32611	81.1	4.4	2.9	1.5	1.5	1.4
Plastics bag and pouch manufacturing . . . . .	326111	30.6	5.3	3.8	1.6	2.2	1.5
Plastics packaging film and sheet (including laminated) manufacturing . . . . .	326112	12.6	3.4	2.3	1.0	1.3	1.1
Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	326113	38.0	4.0	2.5	1.5	1.0	1.5
Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . . . .	32612	47.7	4.0	2.2	0.9	1.3	1.8
Unlaminated plastics profile shape manufacturing . . . . .	326121	22.7	4.0	2.2	1.0	1.3	1.7
Plastics pipe and pipe fitting manufacturing . . . . .	326122	25.0	4.0	2.2	0.9	1.3	1.8
Laminated plastics plate, sheet (except packaging), and shape manufacturing . . . . .	32613	16.1	5.5	3.2	1.3	1.9	2.4

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Polystyrene foam product manufacturing . . . . .	32614	25.1	5.6	3.0	1.3	1.8	2.5
Urethane and other foam product (except polystyrene) manufacturing . . . . .	32615	30.5	3.6	2.2	1.2	1.0	1.5
Plastics bottle manufacturing . . . . .	32616	31.8	3.6	1.3	0.8	0.5	2.3
Other plastics product manufacturing (scope changed in 2009) . . . . .	32619	275.1	5.1	2.9	1.3	1.5	2.3
Plastics plumbing fixture manufacturing . . . . .	326191	12.0	5.4	2.7	1.5	1.2	2.7
All other plastics product manufacturing (scope changed in 2009) . . . . .	326199	241.1	5.2	2.9	1.4	1.6	2.3
Rubber product manufacturing (scope changed in 2009) . . . . .	3262	124.8	5.6	3.3	1.5	1.8	2.3
Tire manufacturing . . . . .	32621	53.5	5.4	3.3	1.3	2.0	2.1
Tire manufacturing (except retreading) . . . . .	326211	46.6	5.5	3.4	1.3	2.2	2.1
Rubber and plastics hoses and belting manufacturing . . . . .	32622	22.0	5.6	3.1	1.3	1.8	2.5
Other rubber product manufacturing (scope changed in 2009) . . . . .	32629	49.3	5.8	3.4	1.9	1.5	2.3
Rubber product manufacturing for mechanical use . . . . .	326291	25.5	6.0	3.5	2.1	1.4	2.5
All other rubber product manufacturing (scope changed in 2009) . . . . .	326299	23.8	5.5	3.4	1.7	1.7	2.1
Nonmetallic mineral product manufacturing . . . . .	327	367.4	5.4	3.0	1.7	1.4	2.4
Clay product and refractory manufacturing . . . . .	3271	40.6	5.7	2.9	1.3	1.6	2.8
Pottery, ceramics, and plumbing fixture manufacturing . . . . .	32711	16.2	4.8	2.4	1.5	0.8	2.5
Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing . . . . .	327111	4.1	2.2	1.1	0.4	0.7	1.2
Vitreous china, fine earthenware, and other pottery product manufacturing . . . . .	327112	6.6	5.7	2.7	2.2	0.5	3.0
Porcelain electrical supply manufacturing . . . . .	327113	5.6	6.0	3.1	1.9	1.2	3.0
Clay building material and refractories manufacturing . . . . .	32712	24.3	6.3	3.3	1.1	2.2	3.0
Clay refractory manufacturing . . . . .	327124	4.3	8.2	3.9	1.5	2.4	4.3
Nonclay refractory manufacturing . . . . .	327125	5.5	7.7	4.2	1.5	2.8	3.5
Glass and glass product manufacturing . . . . .	3272	79.1	5.1	2.8	1.1	1.6	2.3
Glass and glass product manufacturing . . . . .	32721	79.1	5.1	2.8	1.1	1.6	2.3
Flat glass manufacturing . . . . .	327211	9.6	4.4	2.5	0.9	1.5	1.9
Other pressed and blown glass and glassware manufacturing . . . . .	327212	15.9	3.5	2.0	1.2	0.8	1.5
Glass container manufacturing . . . . .	327213	15.6	5.4	2.7	0.8	1.8	2.7
Glass product manufacturing made of purchased glass . . . . .	327215	38.1	5.9	3.2	1.2	2.0	2.7
Cement and concrete product manufacturing . . . . .	3273	168.7	6.1	3.6	2.3	1.3	2.5
Ready-mix concrete manufacturing . . . . .	32732	83.2	5.8	3.6	2.7	0.9	2.3
Concrete pipe, brick, and block manufacturing . . . . .	32733	25.0	6.4	3.2	1.1	2.1	3.2
Concrete block and brick manufacturing . . . . .	327331	17.0	6.0	2.2	0.9	1.3	3.8
Concrete pipe manufacturing . . . . .	327332	8.0	7.3	5.0	1.5	3.6	2.3
Other concrete product manufacturing . . . . .	32739	46.1	6.7	4.2	2.6	1.6	2.5
Lime and gypsum product manufacturing . . . . .	3274	12.7	4.4	2.1	1.2	0.9	2.3

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Gypsum product manufacturing . . . . .	32742	9.3	3.0	1.6	0.9	0.7	1.4
Other nonmetallic mineral product manufacturing . . . . .	3279	66.3	4.3	2.3	1.3	1.0	2.1
Abrasive product manufacturing . . . . .	32791	9.8	4.3	2.4	1.3	1.2	1.8
All other nonmetallic mineral product manufacturing . . . . .	32799	56.5	4.3	2.2	1.3	0.9	2.1
Cut stone and stone product manufacturing . . . . .	327991	22.5	4.6	2.3	1.7	0.6	2.4
Ground or treated mineral and earth manufacturing . . . . .	327992	6.6	3.4	2.0	0.7	1.3	1.3
Mineral wool manufacturing . . . . .	327993	16.1	4.0	1.4	0.6	0.8	2.6
All other miscellaneous nonmetallic mineral product manufacturing . . . . .	327999	11.3	5.0	3.5	1.9	1.6	1.5
Primary metal manufacturing . . . . .	331	375.9	6.1	3.5	1.8	1.7	2.7
Iron and steel mills and ferroalloy manufacturing . . . . .	3311	88.3	3.2	1.7	0.9	0.9	1.5
Iron and steel mills and ferroalloy manufacturing . . . . .	33111	88.3	3.2	1.7	0.9	0.9	1.5
Iron and steel mills . . . . .	331111	85.9	3.2	1.7	0.9	0.9	1.5
Electrometallurgical ferroalloy product manufacturing . . . . .	331112	2.4	3.4	1.8	0.9	0.9	1.5
Steel product manufacturing from purchased steel . . . . .	3312	55.1	7.1	4.1	2.1	2.0	2.9
Iron and steel pipe and tube manufacturing from purchased steel . . . . .	33121	24.7	7.5	4.2	2.3	2.0	3.3
Rolling and drawing of purchased steel . . . . .	33122	30.4	6.7	4.1	2.0	2.1	2.6
Rolled steel shape manufacturing . . . . .	331221	21.0	6.5	3.5	2.2	1.3	3.0
Steel wire drawing . . . . .	331222	9.4	7.1	5.3	1.4	3.8	1.8
Alumina and aluminum production and processing . . . . .	3313	55.1	4.3	2.4	1.0	1.4	1.9
Alumina and aluminum production and processing . . . . .	33131	55.1	4.3	2.4	1.0	1.4	1.9
Alumina refining . . . . .	331311	1.9	4.1	2.1	1.6	( <sup>10</sup> )	2.1
Primary aluminum production . . . . .	331312	8.6	3.1	1.8	0.7	1.2	1.3
Secondary smelting and alloying of aluminum . . . . .	331314	5.1	6.1	3.2	1.0	2.3	2.8
Aluminum sheet, plate, and foil manufacturing . . . . .	331315	14.7	2.8	1.5	0.8	0.7	1.3
Aluminum extruded product manufacturing . . . . .	331316	18.5	5.4	3.1	1.3	1.8	2.3
Other aluminum rolling and drawing . . . . .	331319	6.3	4.3	2.5	0.9	1.5	1.9
Nonferrous metal (except aluminum) production and processing . . . . .	3314	59.9	4.7	2.7	1.5	1.2	1.9
Nonferrous metal (except aluminum) smelting and refining . . . . .	33141	9.7	3.3	2.2	0.6	1.6	1.1
Copper rolling, drawing, extruding, and alloying . . . . .	33142	27.2	4.9	2.9	1.7	1.2	2.1
Copper rolling, drawing, and extruding . . . . .	331421	13.5	6.5	3.9	2.4	1.5	2.6
Copper wire (except mechanical) drawing . . . . .	331422	12.9	3.4	1.9	1.0	1.0	1.4
Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying . . . . .	33149	23.0	5.0	2.8	1.7	1.1	2.2
Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding . . . . .	331491	13.0	3.9	2.1	1.3	0.8	1.8
Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) . . . . .	331492	10.0	6.2	3.6	2.1	1.5	2.6

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Foundries . . . . .	3315	117.4	9.6	5.4	2.8	2.7	4.2
Ferrous metal foundries . . . . .	33151	67.8	10.7	6.2	3.1	3.1	4.5
Iron foundries . . . . .	331511	39.8	10.9	6.0	3.2	2.7	4.9
Steel investment foundries . . . . .	331512	11.0	7.3	4.7	2.7	2.1	2.5
Steel foundries (except investment) . . . . .	331513	17.0	12.7	7.8	3.1	4.7	4.9
Nonferrous metal foundries . . . . .	33152	49.6	8.1	4.3	2.3	2.0	3.8
Aluminum die-casting foundries . . . . .	331521	17.7	7.8	4.2	2.3	1.9	3.6
Aluminum foundries (except die-casting) . . . . .	331524	15.9	9.5	6.0	3.1	2.9	3.5
Copper foundries (except die-casting) . . . . .	331525	5.0	10.3	4.8	2.3	2.5	5.5
Other nonferrous foundries (except die-casting) . . . . .	331528	6.5	4.2	1.8	1.2	0.6	2.4
Fabricated metal product manufacturing . . . . .	332	1,312.3	5.6	2.6	1.3	1.3	3.0
Forging and stamping . . . . .	3321	91.8	7.0	3.4	1.6	1.7	3.6
Forging and stamping . . . . .	33211	91.8	7.0	3.4	1.6	1.7	3.6
Iron and steel forging . . . . .	332111	22.2	7.4	4.1	1.9	2.1	3.3
Nonferrous forging . . . . .	332112	5.8	6.5	3.7	1.7	2.0	2.8
Custom roll forming . . . . .	332114	5.1	5.9	3.2	1.2	2.0	2.7
Metal stamping . . . . .	332116	44.1	7.4	3.0	1.6	1.4	4.4
Cutlery and handtool manufacturing . . . . .	3322	40.5	5.2	2.2	1.1	1.0	3.0
Cutlery and handtool manufacturing . . . . .	33221	40.5	5.2	2.2	1.1	1.0	3.0
Cutlery and flatware (except precious) manufacturing . . . . .	332211	6.5	4.1	1.6	0.9	0.7	2.5
Hand and edge tool manufacturing . . . . .	332212	26.1	4.9	2.1	1.0	1.1	2.9
Saw blade and handsaw manufacturing . . . . .	332213	4.9	7.0	2.8	1.6	1.3	4.2
Architectural and structural metals manufacturing . . . . .	3323	325.5	6.8	3.2	1.6	1.7	3.6
Plate work and fabricated structural product manufacturing . . . . .	33231	147.5	7.3	3.5	1.7	1.8	3.8
Prefabricated metal building and component manufacturing . . . . .	332311	26.3	6.0	3.1	1.8	1.3	2.9
Fabricated structural metal manufacturing . . . . .	332312	77.3	6.9	3.5	1.7	1.9	3.4
Plate work manufacturing . . . . .	332313	43.9	8.6	3.5	1.7	1.8	5.1
Ornamental and architectural metal products manufacturing . . . . .	33232	178.0	6.4	3.0	1.4	1.6	3.4
Metal window and door manufacturing . . . . .	332321	52.8	5.7	3.1	1.1	2.0	2.6
Sheet metal work manufacturing . . . . .	332322	93.3	6.1	2.4	1.3	1.1	3.7
Ornamental and architectural metal work manufacturing . . . . .	332323	31.9	8.4	4.5	2.3	2.2	3.8
Boiler, tank, and shipping container manufacturing . . . . .	3324	86.4	6.1	2.7	1.4	1.2	3.4
Metal tank (heavy gauge) manufacturing . . . . .	33242	28.3	9.3	3.9	2.2	1.7	5.4
Metal can, box, and other metal container (light gauge) manufacturing . . . . .	33243	35.8	5.3	2.4	1.2	1.2	2.9
Metal can manufacturing . . . . .	332431	20.5	4.0	1.7	0.9	0.8	2.3
Other metal container manufacturing . . . . .	332439	15.3	7.2	3.4	1.6	1.8	3.8

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Hardware manufacturing . . . . .	3325	23.5	4.3	2.5	1.1	1.4	1.8
Spring and wire product manufacturing . . . . .	3326	41.3	5.1	2.7	1.3	1.4	2.4
Spring and wire product manufacturing . . . . .	33261	41.3	5.1	2.7	1.3	1.4	2.4
Spring (light gauge) manufacturing . . . . .	332612	9.0	7.0	2.9	0.9	2.0	4.1
Other fabricated wire product manufacturing . . . . .	332618	27.6	4.5	2.5	1.4	1.1	2.0
Machine shops; turned product; and screw, nut, and bolt manufacturing . . . . .	3327	327.1	5.2	2.2	1.3	0.8	3.0
Machine shops . . . . .	33271	255.1	5.0	2.0	1.2	0.7	3.0
Turned product and screw, nut, and bolt manufacturing . . . . .	33272	72.0	5.8	2.8	1.6	1.2	2.9
Precision turned product manufacturing . . . . .	332721	36.9	7.3	3.7	2.2	1.5	3.6
Bolt, nut, screw, rivet, and washer manufacturing . . . . .	332722	35.0	4.2	1.9	1.0	0.9	2.3
Coating, engraving, heat treating, and allied activities . . . . .	3328	126.5	5.4	2.9	1.3	1.6	2.6
Coating, engraving, heat treating, and allied activities . . . . .	33281	126.5	5.4	2.9	1.3	1.6	2.6
Metal heat treating . . . . .	332811	16.8	5.9	3.8	1.4	2.4	2.1
Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers . . . . .	332812	50.7	5.4	2.7	1.2	1.5	2.6
Electroplating, plating, polishing, anodizing, and coloring . . . . .	332813	59.0	5.4	2.7	1.4	1.4	2.6
Other fabricated metal product manufacturing . . . . .	3329	249.8	4.4	2.1	1.0	1.1	2.3
Metal valve manufacturing . . . . .	33291	80.8	3.8	1.6	0.8	0.8	2.2
Industrial valve manufacturing . . . . .	332911	23.8	3.6	1.4	0.7	0.7	2.2
Fluid power valve and hose fitting manufacturing . . . . .	332912	31.1	3.6	1.9	0.8	1.1	1.6
Plumbing fixture fitting and trim manufacturing . . . . .	332913	9.6	2.7	1.0	0.4	0.6	1.7
Other metal valve and pipe fitting manufacturing . . . . .	332919	16.3	5.2	1.5	0.8	0.7	3.7
All other fabricated metal product manufacturing . . . . .	33299	169.0	4.7	2.3	1.1	1.2	2.3
Ball and roller bearing manufacturing . . . . .	332991	27.7	4.1	2.0	0.9	1.1	2.1
Small arms ammunition manufacturing . . . . .	332992	10.5	3.0	1.8	1.0	0.8	1.2
Ammunition (except small arms) manufacturing . . . . .	332993	16.1	1.3	0.6	0.2	0.4	0.7
Small arms manufacturing . . . . .	332994	11.2	5.2	2.8	1.4	1.3	2.5
Fabricated pipe and pipe fitting manufacturing . . . . .	332996	28.8	4.0	2.2	1.0	1.2	1.7
Enameled iron and metal sanitary ware manufacturing . . . . .	332998	10.4	5.6	2.0	0.5	1.4	3.6
All other miscellaneous fabricated metal product manufacturing . . . . .	332999	52.7	6.2	2.9	1.6	1.4	3.3
Machinery manufacturing (scope changed in 2009) . . . . .	333	1,015.6	4.4	2.0	1.0	1.0	2.3
Agriculture, construction, and mining machinery manufacturing . . . . .	3331	210.0	4.4	2.1	1.1	1.0	2.3
Agricultural implement manufacturing . . . . .	33311	73.6	5.9	2.8	1.5	1.3	3.1
Farm machinery and equipment manufacturing . . . . .	333111	57.2	6.3	3.1	1.8	1.4	3.1
Lawn and garden tractor and home lawn and garden equipment manufacturing . . . . .	333112	16.4	4.7	1.8	0.7	1.1	2.9
Construction machinery manufacturing . . . . .	33312	65.0	4.3	2.1	1.0	1.1	2.2

See footnotes at end of table.



**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Mining and oil and gas field machinery manufacturing . . . . .	33313	71.4	3.0	1.3	0.7	0.6	1.7
Mining machinery and equipment manufacturing . . . . .	333131	11.1	5.7	1.9	1.1	0.8	3.8
Oil and gas field machinery and equipment manufacturing . . . . .	333132	60.2	2.6	1.2	0.7	0.6	1.3
Industrial machinery manufacturing (scope changed in 2009) . . . . .	3332	99.3	4.3	1.8	1.2	0.7	2.4
Sawmill and woodworking machinery manufacturing . . . . .	33321	4.7	7.1	3.2	1.6	1.6	3.9
Plastics and rubber industry machinery manufacturing . . . . .	33322	14.6	5.4	2.7	1.7	1.0	2.7
Other industrial machinery manufacturing (scope changed in 2009) . . . . .	33329	80.0	3.9	1.6	1.0	0.6	2.3
Paper industry machinery manufacturing . . . . .	333291	8.3	4.7	1.7	1.1	0.6	3.0
Printing machinery and equipment manufacturing . . . . .	333293	9.8	3.7	1.8	1.4	0.4	1.9
Food product machinery manufacturing . . . . .	333294	16.2	5.9	2.0	1.1	0.8	4.0
Semiconductor machinery manufacturing . . . . .	333295	14.9	1.0	0.8	0.4	0.4	0.2
All other industrial machinery manufacturing (scope changed in 2009) . . . . .	333298	26.3	3.8	1.5	1.0	0.6	2.3
Commercial and service industry machinery manufacturing . . . . .	3333	90.3	3.2	1.6	0.7	0.9	1.6
Commercial and service industry machinery manufacturing . . . . .	33331	90.3	3.2	1.6	0.7	0.9	1.6
Automatic vending machine manufacturing . . . . .	333311	6.9	3.1	1.6	0.7	0.9	1.5
Commercial laundry, drycleaning, and pressing machine manufacturing . . . . .	333312	3.4	6.3	3.3	0.8	2.5	3.0
Office machinery manufacturing . . . . .	333313	5.8	2.3	0.9	0.8	( <sup>10</sup> )	1.4
Optical instrument and lens manufacturing . . . . .	333314	20.9	1.9	1.3	0.8	0.5	0.6
Photographic and photocopying equipment manufacturing . . . . .	333315	9.2	2.2	1.1	0.6	0.5	1.1
Other commercial and service industry machinery manufacturing . . . . .	333319	44.0	3.9	1.9	0.7	1.2	2.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	3334	128.7	4.7	2.5	1.0	1.5	2.2
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	33341	128.7	4.7	2.5	1.0	1.5	2.2
Air purification equipment manufacturing . . . . .	333411	16.6	4.7	2.6	1.0	1.6	2.1
Heating equipment (except warm air furnaces) manufacturing . . . . .	333414	17.0	4.9	2.4	1.2	1.3	2.4
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing (scope changed in 2009) . . . . .	333415	85.0	4.3	2.3	0.9	1.4	2.0
Metalworking machinery manufacturing . . . . .	3335	160.8	5.3	2.3	1.3	0.9	3.0
Metalworking machinery manufacturing . . . . .	33351	160.8	5.3	2.3	1.3	0.9	3.0
Industrial mold manufacturing . . . . .	333511	33.1	5.9	2.4	1.4	0.9	3.5
Machine tool (metal cutting types) manufacturing . . . . .	333512	23.8	4.1	1.8	1.1	0.7	2.3
Machine tool (metal forming types) manufacturing . . . . .	333513	10.8	4.8	2.8	2.0	0.8	1.9
Special die and tool, die set, jig, and fixture manufacturing . . . . .	333514	59.6	5.5	2.5	1.3	1.2	3.0
Cutting tool and machine tool accessory manufacturing . . . . .	333515	22.3	4.9	2.0	1.2	0.9	2.9
Other metalworking machinery manufacturing . . . . .	333518	6.9	5.0	0.9	0.3	0.6	4.1

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Engine, turbine, and power transmission equipment manufacturing . . . . .	3336	93.6	3.8	1.8	0.9	1.0	2.0
Engine, turbine, and power transmission equipment manufacturing . . . . .	33361	93.6	3.8	1.8	0.9	1.0	2.0
Turbine and turbine generator set units manufacturing . . . . .	333611	27.5	3.3	1.8	0.7	1.1	1.5
Speed changer, industrial high-speed drive, and gear manufacturing . . . . .	333612	12.6	6.6	3.6	1.7	1.9	3.1
Mechanical power transmission equipment manufacturing . . . . .	333613	12.9	5.8	2.2	1.4	0.8	3.6
Other engine equipment manufacturing . . . . .	333618	40.6	2.7	1.2	0.6	0.6	1.5
Other general purpose machinery manufacturing (scope changed in 2009) . . . . .	3339	232.9	4.2	1.9	0.9	1.0	2.3
Pump and compressor manufacturing . . . . .	33391	47.6	3.6	1.8	0.7	1.1	1.7
Pump and pumping equipment manufacturing . . . . .	333911	26.2	3.3	1.8	0.7	1.2	1.5
Air and gas compressor manufacturing . . . . .	333912	18.7	3.8	1.8	0.8	1.0	2.0
Measuring and dispensing pump manufacturing . . . . .	333913	2.7	4.1	2.0	( <sup>10</sup> )	1.7	2.1
Material handling equipment manufacturing . . . . .	33392	64.2	5.2	2.3	1.1	1.2	2.9
Elevator and moving stairway manufacturing . . . . .	333921	7.8	4.9	2.8	1.0	1.8	2.1
Conveyor and conveying equipment manufacturing . . . . .	333922	26.2	5.1	1.9	1.0	0.9	3.3
Overhead traveling crane, hoist, and monorail system manufacturing . . . . .	333923	11.8	6.6	3.0	1.4	1.6	3.6
Industrial truck, tractor, trailer, and stacker machinery manufacturing . . . . .	333924	18.5	4.6	2.3	1.0	1.3	2.3
All other general purpose machinery manufacturing (scope changed in 2009) . . . . .	33399	121.1	3.9	1.7	0.8	0.9	2.2
Power-driven handtool manufacturing . . . . .	333991	7.5	2.5	1.4	0.5	0.9	1.1
Welding and soldering equipment manufacturing . . . . .	333992	12.5	7.3	2.1	1.4	0.6	5.3
Packaging machinery manufacturing . . . . .	333993	17.0	4.7	2.5	1.0	1.5	2.2
Industrial process furnace and oven manufacturing (scope changed in 2009) . . . . .	333994	10.5	4.6	1.6	0.6	1.0	3.0
Fluid power cylinder and actuator manufacturing . . . . .	333995	15.3	5.1	2.4	0.9	1.5	2.7
Fluid power pump and motor manufacturing . . . . .	333996	17.0	2.4	0.9	0.4	0.5	1.4
Scale and balance manufacturing (scope changed in 2009) . . . . .	333997	4.0	2.5	1.4	0.6	0.7	1.1
All other miscellaneous general purpose machinery manufacturing (scope changed in 2009) . . . . .	333999	37.4	2.9	1.5	0.8	0.6	1.4
Computer and electronic product manufacturing . . . . .	334	1,091.4	1.4	0.7	0.4	0.3	0.7
Computer and peripheral equipment manufacturing . . . . .	3341	159.6	0.7	0.4	0.2	0.2	0.3
Computer and peripheral equipment manufacturing . . . . .	33411	159.6	0.7	0.4	0.2	0.2	0.3
Electronic computer manufacturing . . . . .	334111	89.8	0.6	0.3	0.2	0.2	0.2
Computer storage device manufacturing . . . . .	334112	21.3	0.9	0.5	0.3	0.2	0.4
Computer terminal manufacturing . . . . .	334113	13.5	0.3	0.2	0.1	( <sup>10</sup> )	( <sup>10</sup> )
Other computer peripheral equipment manufacturing . . . . .	334119	35.0	1.0	0.5	0.3	0.2	0.6
Communications equipment manufacturing (scope changed in 2009) . . . . .	3342	113.7	1.3	0.7	0.3	0.4	0.6
Telephone apparatus manufacturing . . . . .	33421	24.6	0.5	0.1	( <sup>10</sup> )	( <sup>10</sup> )	0.4
Radio and television broadcasting and wireless communications equipment manufacturing (scope changed in 2009) . . . . .	33422	66.1	1.6	1.0	0.4	0.6	0.7

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Other communications equipment manufacturing . . . . .	33429	23.0	1.1	0.6	0.3	0.2	0.6
Audio and video equipment manufacturing . . . . .	3343	19.5	2.1	1.4	0.4	1.0	0.7
Semiconductor and other electronic component manufacturing . . . . .	3344	371.6	1.6	0.8	0.5	0.4	0.8
Semiconductor and other electronic component manufacturing . . . . .	33441	371.6	1.6	0.8	0.5	0.4	0.8
Electron tube manufacturing . . . . .	334411	6.6	1.9	1.5	1.1	0.4	0.4
Bare printed circuit board manufacturing . . . . .	334412	36.5	2.4	1.3	0.6	0.7	1.0
Semiconductor and related device manufacturing . . . . .	334413	181.3	1.1	0.6	0.4	0.2	0.6
Electronic coil, transformer, and other inductor manufacturing . . . . .	334416	9.1	3.2	1.9	1.0	0.8	1.4
Electronic connector manufacturing . . . . .	334417	18.7	2.8	1.2	0.6	0.6	1.5
Printed circuit assembly (electronic assembly) manufacturing . . . . .	334418	50.3	1.6	0.7	0.3	0.3	0.9
Other electronic component manufacturing . . . . .	334419	59.3	2.0	1.0	0.5	0.5	1.0
Navigational, measuring, electromedical, and control instruments manufacturing (scope changed in 2009) . . . . .	3345	403.1	1.5	0.6	0.4	0.3	0.8
Navigational, measuring, electromedical, and control instruments manufacturing . . . . .	33451	403.1	1.5	0.6	0.4	0.3	0.8
Navigational, measuring, electromedical, and control instruments manufacturing (scope changed in 2009) . . . . .	334510	62.1	1.9	0.9	0.5	0.4	1.0
Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing . . . . .	334511	136.6	1.1	0.5	0.3	0.2	0.6
Automatic environmental control manufacturing for residential, commercial, and appliance use . . . . .	334512	17.3	2.3	1.0	0.3	0.7	1.3
Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables . . . . .	334513	57.4	1.5	0.7	0.4	0.3	0.8
Totalizing fluid meter and counting device manufacturing . . . . .	334514	11.0	2.4	1.2	0.6	0.6	1.2
Instrument manufacturing for measuring and testing electricity and electrical signals (scope changed in 2009) . . . . .	334515	41.6	1.3	0.6	0.3	0.3	0.7
Analytical laboratory instrument manufacturing . . . . .	334516	30.8	1.5	0.7	0.6	0.1	0.8
Irradiation apparatus manufacturing . . . . .	334517	13.3	1.5	0.6	0.3	0.3	0.9
Other measuring and controlling device manufacturing . . . . .	334519	28.1	1.5	0.6	0.4	0.2	0.9
Manufacturing and reproducing magnetic and optical media . . . . .	3346	23.8	1.5	0.9	0.4	0.6	0.5
Manufacturing and reproducing magnetic and optical media . . . . .	33461	23.8	1.5	0.9	0.4	0.6	0.5
Prerecorded compact disc (except software), tape, and record reproducing . . . . .	334612	8.5	2.6	2.0	0.9	1.1	0.6
Magnetic and optical recording media manufacturing . . . . .	334613	4.1	1.4	1.0	( <sup>10</sup> )	1.0	( <sup>10</sup> )
Electrical equipment, appliance, and component manufacturing . . . . .	335	366.9	3.1	1.6	0.6	1.0	1.5
Electric lighting equipment manufacturing . . . . .	3351	45.1	3.7	1.9	0.8	1.1	1.8
Lighting fixture manufacturing . . . . .	33512	35.9	3.7	1.9	0.7	1.2	1.8

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Commercial, industrial, and institutional electric lighting fixture manufacturing . . . . .	335122	19.0	4.4	2.2	0.9	1.3	2.2
Other lighting equipment manufacturing . . . . .	335129	8.7	3.1	1.7	0.5	1.1	1.5
Household appliance manufacturing . . . . .	3352	57.5	2.9	1.6	0.6	1.0	1.3
Small electrical appliance manufacturing . . . . .	33521	12.1	3.7	2.1	0.9	1.2	1.6
Electric housewares and household fan manufacturing . . . . .	335211	9.0	3.9	2.3	0.8	1.5	1.5
Major appliance manufacturing . . . . .	33522	45.4	2.7	1.5	0.5	0.9	1.2
Household cooking appliance manufacturing . . . . .	335221	10.4	2.9	1.5	0.9	0.7	1.4
Other major household appliance manufacturing . . . . .	335228	--	3.5	1.9	0.7	1.2	1.6
Electrical equipment manufacturing . . . . .	3353	138.9	2.9	1.5	0.6	0.9	1.4
Electrical equipment manufacturing . . . . .	33531	138.9	2.9	1.5	0.6	0.9	1.4
Power, distribution, and specialty transformer manufacturing . . . . .	335311	24.1	5.2	2.8	1.3	1.6	2.4
Motor and generator manufacturing . . . . .	335312	39.1	3.8	1.9	0.8	1.2	1.9
Switchgear and switchboard apparatus manufacturing . . . . .	335313	30.7	2.6	1.3	0.5	0.9	1.3
Relay and industrial control manufacturing . . . . .	335314	45.0	1.1	0.5	0.2	0.3	0.6
Other electrical equipment and component manufacturing . . . . .	3359	125.3	3.1	1.7	0.7	1.0	1.4
Battery manufacturing . . . . .	33591	24.8	4.3	2.6	0.9	1.7	1.7
Storage battery manufacturing . . . . .	335911	13.7	4.3	2.7	0.8	1.9	1.6
Primary battery manufacturing . . . . .	335912	11.2	4.3	2.4	0.9	1.5	1.9
Communication and energy wire and cable manufacturing . . . . .	33592	20.2	2.5	1.3	0.6	0.7	1.2
Fiber optic cable manufacturing . . . . .	335921	8.1	1.5	1.1	0.3	0.8	0.4
Other communication and energy wire manufacturing . . . . .	335929	12.1	3.0	1.4	0.7	0.7	1.7
Wiring device manufacturing . . . . .	33593	46.4	3.0	1.5	0.5	1.0	1.5
Current-carrying wiring device manufacturing . . . . .	335931	36.0	2.6	1.5	0.5	1.0	1.1
Noncurrent-carrying wiring device manufacturing . . . . .	335932	10.4	4.5	1.7	0.8	0.9	2.8
All other electrical equipment and component manufacturing . . . . .	33599	33.9	2.8	1.4	0.7	0.7	1.3
Carbon and graphite product manufacturing . . . . .	335991	7.1	3.5	2.2	1.1	1.1	1.3
All other miscellaneous electrical equipment and component manufacturing . . . . .	335999	26.8	2.6	1.2	0.6	0.6	1.3
Transportation equipment manufacturing (scope changed in 2009) . . . . .	336	1,337.6	5.2	2.7	1.1	1.6	2.5
Motor vehicle manufacturing . . . . .	3361	145.9	7.5	3.8	1.6	2.2	3.7
Automobile and light duty motor vehicle manufacturing . . . . .	33611	121.4	7.5	3.9	1.6	2.3	3.6
Automobile manufacturing . . . . .	336111	86.3	6.7	3.8	1.7	2.1	2.9
Light truck and utility vehicle manufacturing . . . . .	336112	35.1	9.4	4.0	1.3	2.7	5.4
Heavy duty truck manufacturing . . . . .	33612	24.5	7.3	3.3	1.5	1.9	4.0
Motor vehicle body and trailer manufacturing . . . . .	3362	113.3	8.6	4.0	1.8	2.3	4.5
Motor vehicle body and trailer manufacturing . . . . .	33621	113.3	8.6	4.0	1.8	2.3	4.5

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Motor vehicle body manufacturing . . . . .	336211	48.0	6.7	3.5	1.4	2.1	3.2
Truck trailer manufacturing . . . . .	336212	26.1	9.4	4.6	2.1	2.5	4.8
Travel trailer and camper manufacturing . . . . .	336214	26.9	11.2	5.1	2.1	3.0	6.1
Motor vehicle parts manufacturing . . . . .	3363	423.5	5.2	2.7	1.0	1.7	2.5
Motor vehicle gasoline engine and engine parts manufacturing . . . . .	33631	48.7	5.0	2.7	1.3	1.5	2.2
Carburetor, piston, piston ring, and valve manufacturing . . . . .	336311	13.4	4.8	2.5	1.0	1.5	2.3
Gasoline engine and engine parts manufacturing . . . . .	336312	35.3	5.1	2.8	1.4	1.5	2.2
Motor vehicle electrical and electronic equipment manufacturing . . . . .	33632	53.2	4.1	2.3	0.8	1.5	1.8
Vehicular lighting equipment manufacturing . . . . .	336321	14.5	4.3	2.4	0.6	1.8	1.9
Other motor vehicle electrical and electronic equipment manufacturing . . . . .	336322	38.8	4.0	2.3	0.8	1.5	1.7
Motor vehicle steering and suspension components (except spring) manufacturing . . . . .	33633	26.8	5.6	3.0	1.1	1.9	2.5
Motor vehicle brake system manufacturing . . . . .	33634	21.8	4.0	2.2	0.7	1.4	1.8
Motor vehicle transmission and power train parts manufacturing . . . . .	33635	55.2	4.9	2.3	1.0	1.4	2.5
Motor vehicle seating and interior trim manufacturing . . . . .	33636	43.4	5.5	3.5	0.8	2.7	2.1
Motor vehicle metal stamping . . . . .	33637	59.2	7.4	3.1	1.1	2.0	4.3
Other motor vehicle parts manufacturing . . . . .	33639	115.1	4.9	2.6	1.0	1.5	2.4
Motor vehicle air-conditioning manufacturing . . . . .	336391	12.0	4.0	2.2	1.0	1.1	1.8
All other motor vehicle parts manufacturing . . . . .	336399	103.1	5.0	2.6	1.0	1.6	2.4
Aerospace product and parts manufacturing . . . . .	3364	480.6	3.3	1.8	0.6	1.2	1.5
Aerospace product and parts manufacturing . . . . .	33641	480.6	3.3	1.8	0.6	1.2	1.5
Aircraft manufacturing . . . . .	336411	233.8	3.8	2.4	0.8	1.6	1.4
Aircraft engine and engine parts manufacturing . . . . .	336412	76.0	2.5	1.1	0.6	0.5	1.4
Other aircraft parts and auxiliary equipment manufacturing . . . . .	336413	96.7	4.5	2.0	0.7	1.2	2.6
Guided missile and space vehicle manufacturing . . . . .	336414	54.5	0.8	0.5	0.2	0.2	0.4
Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing . . . . .	336415	11.7	1.5	0.8	0.5	0.3	0.7
Other guided missile and space vehicle parts and auxiliary equipment manufacturing . . . . .	336419	7.9	1.5	0.9	0.4	0.5	0.6
Railroad rolling stock manufacturing . . . . .	3365	19.0	4.8	2.6	1.1	1.5	2.2
Ship and boat building (scope changed in 2009) . . . . .	3366	122.9	7.5	4.5	2.5	2.0	3.0
Ship and boat building (scope changed in 2009) . . . . .	33661	122.9	7.5	4.5	2.5	2.0	3.0
Ship building and repairing . . . . .	336611	95.5	7.8	4.8	2.7	2.1	3.0
Boat building (scope changed in 2009) . . . . .	336612	27.4	6.4	3.3	1.6	1.7	3.1
Other transportation equipment manufacturing . . . . .	3369	32.4	4.2	2.0	0.9	1.0	2.3
Other transportation equipment manufacturing . . . . .	33699	32.4	4.2	2.0	0.9	1.0	2.3
Motorcycle, bicycle, and parts manufacturing . . . . .	336991	12.2	4.2	1.9	1.1	0.8	2.3

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Military armored vehicle, tank, and tank component manufacturing . . . . .	336992	8.9	3.4	1.9	0.9	1.0	1.5
All other transportation equipment manufacturing . . . . .	336999	11.3	5.0	2.1	0.8	1.4	2.8
Furniture and related product manufacturing (scope changed in 2009) . . . . .	337	353.9	5.3	2.7	1.3	1.5	2.6
Household and institutional furniture and kitchen cabinet manufacturing (scope changed in 2009) . . . . .	3371	220.8	5.5	2.9	1.3	1.5	2.7
Wood kitchen cabinet and countertop manufacturing . . . . .	33711	97.9	4.2	2.2	1.2	1.0	2.0
Household and institutional furniture manufacturing (scope changed in 2009) . . . . .	33712	122.9	6.5	3.4	1.4	1.9	3.1
Upholstered household furniture manufacturing . . . . .	337121	51.0	6.2	3.4	1.2	2.1	2.8
Nonupholstered wood household furniture manufacturing . . . . .	337122	38.0	6.2	2.9	1.4	1.5	3.4
Metal household furniture manufacturing . . . . .	337124	5.7	6.3	2.2	1.7	0.5	4.0
Household furniture (except wood and metal) manufacturing . . . . .	337125	5.2	4.6	3.0	1.6	1.3	1.6
Institutional furniture manufacturing (scope changed in 2009) . . . . .	337127	21.4	8.5	4.8	1.8	3.0	3.7
Wood television, radio, and sewing machine cabinet manufacturing . . . . .	337129	1.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Office furniture (including fixtures) manufacturing . . . . .	3372	97.0	5.2	2.4	1.2	1.2	2.7
Office furniture (including fixtures) manufacturing . . . . .	33721	97.0	5.2	2.4	1.2	1.2	2.7
Wood office furniture manufacturing . . . . .	337211	16.8	4.2	2.1	0.9	1.2	2.1
Custom architectural woodwork and millwork manufacturing . . . . .	337212	15.2	5.6	1.8	1.6	0.2	3.8
Office furniture (except wood) manufacturing . . . . .	337214	20.6	3.9	2.1	0.7	1.4	1.8
Showcase, partition, shelving, and locker manufacturing . . . . .	337215	44.4	6.0	3.0	1.5	1.5	3.1
Other furniture related product manufacturing . . . . .	3379	36.1	4.6	2.6	0.9	1.7	2.0
Mattress manufacturing . . . . .	33791	23.4	5.6	3.2	1.1	2.1	2.4
Miscellaneous manufacturing . . . . .	339	575.8	3.3	1.7	0.8	0.9	1.5
Medical equipment and supplies manufacturing . . . . .	3391	309.5	2.5	1.3	0.6	0.7	1.2
Medical equipment and supplies manufacturing . . . . .	33911	309.5	2.5	1.3	0.6	0.7	1.2
Surgical and medical instrument manufacturing . . . . .	339112	115.8	2.3	1.2	0.6	0.6	1.1
Surgical appliance and supplies manufacturing (scope changed in 2009) . . . . .	339113	102.3	2.7	1.5	0.6	0.9	1.2
Dental equipment and supplies manufacturing . . . . .	339114	15.9	4.2	1.3	0.6	0.7	2.9
Ophthalmic goods manufacturing . . . . .	339115	30.4	2.5	1.3	0.5	0.8	1.2
Dental laboratories . . . . .	339116	45.1	2.1	1.2	0.7	0.4	0.9
Other miscellaneous manufacturing . . . . .	3399	266.3	4.2	2.2	1.1	1.1	1.9
Jewelry and silverware manufacturing . . . . .	33991	29.4	2.8	1.5	1.1	0.4	1.3
Jewelry (except costume) manufacturing . . . . .	339911	21.1	2.5	1.4	1.0	0.4	1.0
Jewelers' material and lapidary work manufacturing . . . . .	339913	2.3	2.9	1.7	1.1	( <sup>10</sup> )	1.2
Sporting and athletic goods manufacturing . . . . .	33992	41.5	4.3	2.0	0.7	1.4	2.3
Doll, toy, and game manufacturing . . . . .	33993	12.0	4.0	2.0	1.0	1.0	2.0
Pen and mechanical pencil manufacturing . . . . .	339941	3.2	2.6	0.5	( <sup>10</sup> )	( <sup>10</sup> )	2.0

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Sign manufacturing .....	33995	63.0	4.6	2.2	1.3	0.9	2.4
All other miscellaneous manufacturing .....	33999	107.2	4.4	2.6	1.2	1.4	1.7
Gasket, packing, and sealing device manufacturing .....	339991	28.2	4.2	2.5	0.9	1.5	1.7
Musical instrument manufacturing .....	339992	10.4	5.6	3.2	1.4	1.8	2.4
Fastener, button, needle, and pin manufacturing .....	339993	5.1	3.7	3.5	1.5	--	--
Burial casket manufacturing .....	339995	4.3	9.0	4.2	2.9	1.3	4.8
All other miscellaneous manufacturing .....	339999	50.3	3.9	2.5	1.3	1.2	1.5
<b>Service-providing .....</b>		88,805.3	3.3	1.6	1.0	0.6	1.6
<b>Trade, transportation, and utilities<sup>9</sup> .....</b>		24,924.6	3.9	2.3	1.3	1.0	1.6
<b>Wholesale trade .....</b>	42	5,580.0	3.2	1.9	1.1	0.9	1.3
Merchant wholesalers, durable goods .....	423	2,762.9	2.8	1.5	0.9	0.7	1.3
Motor vehicle and motor vehicle parts and supplies merchant wholesalers .....	4231	313.8	4.2	2.0	1.0	1.0	2.2
Furniture and home furnishing merchant wholesalers .....	4232	93.0	2.7	1.4	0.7	0.6	1.3
Lumber and other construction materials merchant wholesalers .....	4233	186.8	3.9	2.5	--	1.0	1.4
Professional and commercial equipment and supplies merchant wholesalers .....	4234	611.1	1.4	0.8	0.4	0.3	0.6
Metal and mineral (except petroleum) merchant wholesalers .....	4235	115.0	4.3	2.5	1.6	0.9	1.9
Electrical goods merchant wholesalers .....	4236	314.8	1.7	1.0	0.5	0.5	0.7
Hardware, and plumbing and heating equipment and supplies merchant wholesalers .....	4237	220.8	3.3	1.7	0.9	0.8	--
Machinery, equipment, and supplies merchant wholesalers .....	4238	618.9	3.1	1.6	0.9	0.6	1.5
Miscellaneous durable goods merchant wholesalers .....	4239	288.6	3.4	2.1	1.1	1.0	1.3
Toy and hobby goods and supplies merchant wholesalers .....	42392	20.9	1.7	1.2	0.5	0.8	0.4
Recyclable material merchant wholesalers .....	42393	113.1	5.8	3.5	2.0	1.5	2.3
Jewelry, watch, precious stone, and precious metal merchant wholesalers .....	42394	42.0	0.5	0.3	0.1	0.1	0.2
Other miscellaneous durable goods merchant wholesalers .....	42399	67.3	1.7	1.1	0.5	0.5	0.6
Merchant wholesalers, nondurable goods .....	424	1,960.9	4.4	2.9	1.6	1.3	1.5
Paper and paper product merchant wholesalers .....	4241	124.0	2.4	1.4	0.8	0.6	1.0
Drugs and druggists' sundries merchant wholesalers .....	4242	195.2	2.1	1.3	0.7	0.6	0.8
Apparel, piece goods, and notions merchant wholesalers .....	4243	135.3	2.0	1.3	0.7	0.6	0.7
Grocery and related product merchant wholesalers .....	4244	717.9	5.8	4.1	2.2	1.9	1.6
Farm product raw material merchant wholesalers .....	4245	74.5	4.9	2.3	1.7	0.6	2.6
Chemical and allied products merchant wholesalers .....	4246	123.8	2.9	1.4	0.9	0.5	1.5
Petroleum and petroleum products merchant wholesalers .....	4247	94.1	2.6	1.3	1.0	0.3	1.2

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Beer, wine, and distilled alcoholic beverage merchant wholesalers .....	4248	164.3	7.3	5.1	2.7	2.4	2.2
Miscellaneous nondurable goods merchant wholesalers .....	4249	331.8	3.9	2.4	1.3	1.1	1.5
Wholesale electronic markets and agents and brokers .....	425	856.3	1.9	1.0	0.6	--	0.9
<b>Retail trade .....</b>	<b>44-45</b>	<b>14,773.9</b>	<b>3.9</b>	<b>2.2</b>	<b>1.2</b>	<b>1.0</b>	<b>1.7</b>
Motor vehicle and parts dealers .....	441	1,680.1	3.9	1.9	1.3	0.6	2.0
Automobile dealers .....	4411	1,043.0	3.7	1.5	1.1	0.4	2.2
New car dealers .....	44111	921.1	3.9	1.6	1.2	0.4	2.3
Used car dealers .....	44112	121.9	2.0	1.0	0.7	0.3	1.0
Other motor vehicle dealers .....	4412	127.9	3.1	1.6	1.1	0.5	1.5
Recreational vehicle dealers .....	44121	28.9	3.6	1.5	0.7	0.8	2.2
Motorcycle, boat, and other motor vehicle dealers .....	44122	99.0	2.9	1.6	1.2	0.4	1.3
Automotive parts, accessories, and tire stores .....	4413	509.2	4.5	2.9	1.9	1.0	1.6
Automotive parts and accessories stores .....	44131	339.6	3.7	2.8	1.6	1.1	0.9
Tire dealers .....	44132	169.6	6.0	3.2	2.3	0.9	2.8
Furniture and home furnishings stores .....	442	442.7	4.0	2.4	1.5	0.9	1.5
Furniture stores .....	4421	217.5	3.7	2.4	1.2	1.2	1.2
Home furnishings stores .....	4422	225.3	4.3	2.4	1.9	0.5	1.9
Floor covering stores .....	44221	66.5	2.2	1.7	1.4	0.3	0.6
Other home furnishings stores .....	44229	158.7	5.5	2.9	2.2	0.6	2.7
Electronics and appliance stores .....	443	517.9	2.1	0.8	0.5	0.3	1.3
Electronics and appliance stores .....	4431	517.9	2.1	0.8	0.5	0.3	1.3
Appliance, television, and other electronics stores .....	44311	400.5	2.4	0.8	0.5	0.4	1.6
Computer and software stores .....	44312	107.8	1.0	0.7	0.5	0.2	0.3
Building material and garden equipment and supplies dealers .....	444	1,156.9	5.4	3.5	1.7	1.8	1.9
Building material and supplies dealers .....	4441	1,025.0	5.5	3.6	1.7	1.9	1.9
Home centers .....	44411	635.3	6.5	4.5	2.0	2.5	2.0
Paint and wallpaper stores .....	44412	34.8	2.5	1.6	--	0.3	0.9
Hardware stores .....	44413	146.7	3.0	1.7	1.0	0.7	1.3
Other building material dealers .....	44419	208.3	4.3	2.2	1.3	1.0	2.1
Lawn and garden equipment and supplies stores .....	4442	131.9	4.6	2.6	1.8	0.8	2.0
Outdoor power equipment stores .....	44421	29.7	3.5	0.7	0.6	--	2.8
Nursery, garden center, and farm supply stores .....	44422	102.2	5.0	3.1	2.1	1.0	1.8
Food and beverage stores .....	445	2,859.7	4.7	2.7	1.4	1.2	2.0
Grocery stores .....	4451	2,499.7	5.0	2.9	1.5	1.3	2.1

See footnotes at end of table.



Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Supermarkets and other grocery (except convenience) stores . . . . .	44511	2,355.1	5.2	3.0	1.6	1.4	2.2
Convenience stores . . . . .	44512	144.6	--	0.9	0.6	--	1.2
Specialty food stores . . . . .	4452	219.0	2.8	1.6	1.0	0.6	1.2
Meat markets . . . . .	44521	48.2	3.1	2.0	0.8	1.2	1.1
Fruit and vegetable markets . . . . .	44523	39.3	3.0	1.7	1.4	0.3	1.4
Other specialty food stores . . . . .	44529	118.4	2.6	1.4	0.9	0.5	1.2
Beer, wine, and liquor stores . . . . .	4453	141.1	1.6	0.6	0.4	0.2	1.0
Health and personal care stores . . . . .	446	999.3	2.2	0.9	0.6	0.3	1.3
Health and personal care stores . . . . .	4461	999.3	2.2	0.9	0.6	0.3	1.3
Pharmacies and drug stores . . . . .	44611	717.8	2.5	1.0	0.6	0.4	1.5
Cosmetics, beauty supplies, and perfume stores . . . . .	44612	111.6	1.2	0.4	0.3	--	0.8
Other health and personal care stores . . . . .	44619	103.6	1.4	0.9	0.7	0.2	0.4
Gasoline stations . . . . .	447	832.9	2.5	1.1	0.7	0.4	1.4
Gasoline stations . . . . .	4471	832.9	2.5	1.1	0.7	0.4	1.4
Gasoline stations with convenience stores . . . . .	44711	732.8	2.3	1.0	0.7	0.3	1.3
Other gasoline stations . . . . .	44719	100.1	3.7	1.7	1.1	0.7	2.0
Clothing and clothing accessories stores . . . . .	448	1,424.1	2.6	0.9	0.7	0.3	1.6
Clothing stores . . . . .	4481	1,098.1	3.0	1.1	0.8	0.3	1.8
Men's clothing stores . . . . .	44811	56.9	3.1	1.8	1.5	0.3	1.3
Women's clothing stores . . . . .	44812	289.5	--	0.9	0.6	0.4	--
Children's and infants' clothing stores . . . . .	44813	74.2	2.9	1.1	1.1	( <sup>10</sup> )	1.8
Family clothing stores . . . . .	44814	502.1	3.5	1.4	0.9	0.5	2.1
Other clothing stores . . . . .	44819	116.6	1.7	1.0	1.0	( <sup>10</sup> )	0.7
Shoe stores . . . . .	4482	188.8	2.0	0.5	0.4	--	1.4
Luggage and leather goods stores . . . . .	44832	14.1	1.8	0.3	0.3	( <sup>10</sup> )	1.4
Sporting goods, hobby, book, and music stores . . . . .	451	595.0	2.6	1.2	0.6	0.6	1.3
Sporting goods, hobby, and musical instrument stores . . . . .	4511	474.0	2.4	1.1	0.6	0.5	1.3
Sporting goods stores . . . . .	45111	244.4	2.4	1.4	0.8	0.6	1.0
Hobby, toy, and game stores . . . . .	45112	154.9	2.9	1.0	0.4	0.5	1.9
Sewing, needlework, and piece goods stores . . . . .	45113	44.4	2.3	0.9	0.7	--	1.4
Musical instrument and supplies stores . . . . .	45114	30.4	1.1	0.2	--	0.1	0.9
Book, periodical, and music stores . . . . .	4512	121.0	3.0	1.4	0.7	0.7	1.5
Book stores and news dealers . . . . .	45121	101.0	3.4	1.6	0.7	0.9	1.8
General merchandise stores . . . . .	452	3,050.1	4.6	3.0	1.3	1.7	1.7
Department stores . . . . .	4521	1,534.2	3.8	2.4	1.2	1.3	1.4
Other general merchandise stores . . . . .	4529	1,515.9	5.3	3.5	1.4	2.1	1.9

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Warehouse clubs and superstores . . . . .	45291	1,154.3	5.4	3.6	1.3	2.3	1.8
All other general merchandise stores . . . . .	45299	361.6	4.9	2.8	1.4	1.4	2.1
Miscellaneous store retailers . . . . .	453	795.1	4.0	1.6	0.9	0.7	2.4
Office supplies, stationery, and gift stores . . . . .	4532	315.4	2.0	0.9	0.5	0.4	1.1
Office supplies and stationery stores . . . . .	45321	147.3	2.3	1.0	0.4	0.5	1.4
Gift, novelty, and souvenir stores . . . . .	45322	168.0	1.7	0.9	0.5	0.3	0.8
Used merchandise stores . . . . .	4533	131.7	5.9	3.1	1.0	2.1	2.8
Other miscellaneous store retailers . . . . .	4539	281.0	5.5	1.8	--	0.5	3.7
Pet and pet supplies stores . . . . .	45391	101.7	10.3	2.4	1.3	1.1	7.8
Manufactured (mobile) home dealers . . . . .	45393	13.6	8.4	6.8	6.8	( <sup>10</sup> )	1.7
All other miscellaneous store retailers . . . . .	45399	148.7	--	0.9	0.6	0.3	--
Nonstore retailers . . . . .	454	420.1	2.9	1.7	1.1	0.6	1.2
Mail-order houses . . . . .	454113	140.1	2.2	1.3	0.6	0.8	0.9
Vending machine operators . . . . .	4542	38.1	3.7	2.2	1.0	1.2	1.5
Direct selling establishments . . . . .	4543	135.4	4.3	2.4	2.0	0.4	1.9
Fuel dealers . . . . .	45431	80.8	5.2	2.9	2.5	0.4	2.3
Other direct selling establishments . . . . .	45439	54.6	2.9	1.6	1.1	0.5	1.2
<b>Transportation and warehousing<sup>9</sup> . . . . .</b>	<b>48-49</b>	<b>4,017.8</b>	<b>5.0</b>	<b>3.4</b>	<b>2.3</b>	<b>1.1</b>	<b>1.6</b>
Air transportation . . . . .	481	450.5	7.3	5.5	4.3	1.2	1.8
Scheduled air transportation . . . . .	4811	411.0	7.8	5.9	4.6	1.3	1.8
Scheduled air transportation . . . . .	48111	411.0	7.8	5.9	4.6	1.3	1.8
Scheduled passenger air transportation . . . . .	481111	399.2	7.9	6.1	4.8	1.3	1.8
Scheduled freight air transportation . . . . .	481112	11.8	3.7	1.6	1.4	0.2	2.2
Nonscheduled air transportation . . . . .	4812	39.5	2.3	1.1	0.9	0.3	1.2
Rail transportation <sup>9</sup> . . . . .	482	--	1.9	1.4	1.3	0.1	0.5
Water transportation . . . . .	483	61.5	2.0	1.6	1.2	0.3	0.4
Deep sea, coastal, and great lakes water transportation . . . . .	4831	37.6	2.1	1.6	1.3	0.3	0.5
Deep sea, coastal, and great lakes water transportation . . . . .	48311	37.6	2.1	1.6	1.3	0.3	0.5
Deep sea passenger transportation . . . . .	483112	8.4	1.8	1.4	0.4	1.0	0.4
Coastal and great lakes freight transportation . . . . .	483113	10.2	2.6	2.2	2.0	0.2	0.5
Coastal and great lakes passenger transportation . . . . .	483114	7.1	2.4	0.8	( <sup>10</sup> )	0.5	1.6
Inland water transportation . . . . .	4832	23.9	1.9	1.5	1.2	0.3	0.3
Inland water transportation . . . . .	48321	23.9	1.9	1.5	1.2	0.3	0.3
Inland water freight transportation . . . . .	483211	19.7	1.8	1.5	1.2	0.4	0.3

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Inland water passenger transportation . . . . .	483212	4.3	2.1	1.5	1.3	( <sup>10</sup> )	--
Truck transportation . . . . .	484	1,289.0	4.9	3.2	2.3	0.9	1.7
General freight trucking . . . . .	4841	893.2	4.9	3.2	2.3	0.9	1.7
General freight trucking, local . . . . .	48411	216.2	3.8	2.7	2.0	0.7	1.1
General freight trucking, long-distance . . . . .	48412	677.0	5.2	3.4	2.4	1.0	1.9
Specialized freight trucking . . . . .	4842	395.8	5.0	3.2	2.4	0.7	1.8
Used household and office goods moving . . . . .	48421	85.3	8.1	4.4	2.7	1.7	--
Specialized freight (except used goods) trucking, local . . . . .	48422	197.0	4.1	2.7	2.1	0.5	1.5
Specialized freight (except used goods) trucking, long-distance . . . . .	48423	113.5	4.6	3.3	2.8	0.5	1.3
Transit and ground passenger transportation . . . . .	485	425.7	4.7	2.9	2.1	0.8	1.8
Urban transit systems . . . . .	4851	42.0	6.8	4.8	3.4	1.4	2.0
Interurban and rural bus transportation . . . . .	4852	18.1	6.6	4.1	2.8	1.3	2.5
Taxi and limousine service . . . . .	4853	70.4	2.8	2.0	1.8	0.3	0.8
Taxi service . . . . .	48531	32.7	3.9	2.7	2.3	0.4	1.2
Limousine service . . . . .	48532	37.6	1.8	1.4	1.3	0.1	0.4
School and employee bus transportation . . . . .	4854	183.4	4.5	2.5	1.9	0.6	2.0
Charter bus industry . . . . .	4855	29.5	3.3	1.9	1.5	0.3	1.4
Other transit and ground passenger transportation . . . . .	4859	82.3	5.3	3.3	2.0	1.3	2.0
Pipeline transportation . . . . .	486	41.7	1.5	1.2	--	0.2	0.4
Pipeline transportation of natural gas . . . . .	4862	26.6	2.3	1.7	--	0.3	0.6
Scenic and sightseeing transportation . . . . .	487	28.1	3.5	2.1	1.7	0.5	1.3
Scenic and sightseeing transportation, land . . . . .	4871	11.3	2.6	2.4	1.9	--	0.2
Scenic and sightseeing transportation, water . . . . .	4872	14.3	4.5	2.2	1.9	0.4	2.2
Support activities for transportation . . . . .	488	560.5	3.8	2.5	1.6	0.8	1.3
Support activities for air transportation . . . . .	4881	158.0	4.1	2.4	1.2	1.3	1.7
Support activities for rail transportation . . . . .	4882	23.2	4.1	2.7	1.2	1.6	1.4
Support activities for water transportation . . . . .	4883	91.7	6.0	4.2	3.8	0.4	1.8
Port and harbor operations . . . . .	48831	18.1	5.6	4.4	4.4	( <sup>10</sup> )	1.2
Marine cargo handling . . . . .	48832	44.5	8.3	5.8	5.1	0.7	2.5
Navigational services to shipping . . . . .	48833	19.1	2.7	1.8	1.6	0.2	0.9
Other support activities for water transportation . . . . .	48839	10.0	6.3	3.9	3.1	0.8	2.5
Support activities for road transportation . . . . .	4884	85.0	3.7	2.2	1.6	0.6	1.4
Motor vehicle towing . . . . .	48841	51.5	4.4	2.9	2.1	0.8	1.5
Other support activities for road transportation . . . . .	48849	33.5	2.5	1.2	0.8	0.3	1.3
Freight transportation arrangement . . . . .	4885	175.7	2.1	1.5	1.0	0.6	0.6
Other support activities for transportation . . . . .	4889	27.0	5.5	3.5	1.6	1.9	2.0

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Couriers and messengers .....	492	523.4	6.6	4.5	2.6	1.9	2.1
Couriers and express delivery services .....	4921	478.0	6.9	4.6	2.6	2.0	2.3
Local messengers and local delivery .....	4922	45.5	4.5	3.3	2.5	0.8	1.2
Warehousing and storage .....	493	636.8	5.5	3.8	1.8	1.9	1.7
Warehousing and storage .....	4931	636.8	5.5	3.8	1.8	1.9	1.7
General warehousing and storage .....	49311	533.6	5.5	3.8	1.8	2.0	1.7
Refrigerated warehousing and storage .....	49312	48.6	6.4	4.6	2.6	2.0	1.8
Farm product warehousing and storage .....	49313	9.0	3.9	2.4	--	0.8	1.4
Other warehousing and storage .....	49319	45.6	4.6	3.1	1.8	1.3	1.5
<b>Utilities .....</b>	<b>22</b>	<b>552.9</b>	<b>3.5</b>	<b>1.9</b>	<b>1.0</b>	<b>0.9</b>	<b>1.6</b>
Utilities .....	221	552.9	3.5	1.9	1.0	0.9	1.6
Electric power generation, transmission and distribution .....	2211	397.8	3.2	1.6	0.9	0.7	1.6
Electric power generation .....	22111	172.7	2.6	1.5	0.8	0.7	1.1
Fossil fuel electric power generation .....	221112	104.1	3.5	2.0	1.0	1.1	1.5
Nuclear electric power generation .....	221113	52.8	0.4	0.2	0.1	0.1	0.3
Other electric power generation .....	221119	8.1	7.6	5.6	--	1.1	2.1
Electric power transmission, control, and distribution .....	22112	225.1	3.7	1.7	1.0	0.6	2.0
Natural gas distribution .....	2212	107.7	4.0	2.5	0.9	1.5	1.6
Water, sewage and other systems .....	2213	47.3	5.2	3.3	2.3	1.1	1.9
Water supply and irrigation systems .....	22131	38.0	5.4	3.5	2.3	1.2	1.9
Sewage treatment facilities .....	22132	7.4	5.3	2.9	2.5	0.5	2.3
Steam and air-conditioning supply .....	22133	1.9	2.7	1.3	--	--	--
<b>Information .....</b>		<b>2,692.6</b>	<b>1.6</b>	<b>0.9</b>	<b>0.6</b>	<b>0.3</b>	<b>0.7</b>
<b>Information .....</b>	<b>51</b>	<b>2,692.6</b>	<b>1.6</b>	<b>0.9</b>	<b>0.6</b>	<b>0.3</b>	<b>0.7</b>
Publishing industries (except Internet) .....	511	747.9	1.3	0.7	0.4	0.2	0.6
Newspaper, periodical, book, and directory publishers .....	5111	485.7	2.0	1.0	0.7	0.4	0.9
Newspaper publishers .....	51111	247.1	2.6	1.4	0.9	0.5	1.2
Periodical publishers .....	51112	115.0	0.7	0.2	0.2	( <sup>10</sup> )	0.5
Book publishers .....	51113	71.0	1.3	0.9	0.5	0.3	0.5
Directory and mailing list publishers .....	51114	31.6	1.2	0.4	0.2	0.1	0.9
Other publishers .....	51119	21.0	2.0	1.1	0.1	0.9	0.9

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Software publishers . . . . .	5112	262.1	0.3	0.1	0.1	--	0.2
Motion picture and sound recording industries . . . . .	512	356.1	2.1	0.6	0.3	0.2	1.5
Motion picture and video industries . . . . .	5121	338.9	2.2	0.6	0.4	0.2	1.6
Motion picture and video exhibition . . . . .	51213	126.7	4.8	0.9	0.6	0.3	3.9
Postproduction services and other motion picture and video industries . . . . .	51219	19.3	0.5	0.3	( <sup>10</sup> )	0.2	0.2
Record production . . . . .	51221	1.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Other sound recording industries . . . . .	51229	2.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Broadcasting (except Internet) . . . . .	515	293.9	1.9	1.2	0.6	0.5	0.7
Radio and television broadcasting . . . . .	5151	213.3	1.5	0.7	0.5	0.2	0.8
Radio broadcasting . . . . .	51511	94.5	0.8	0.3	0.3	0.1	0.4
Television broadcasting . . . . .	51512	118.8	2.1	0.9	0.7	0.3	1.1
Cable and other subscription programming . . . . .	5152	80.6	--	2.4	1.0	1.4	0.5
Telecommunications (scope changed in 2009) . . . . .	517	901.1	2.1	1.4	1.0	0.4	0.7
Wired telecommunications carriers (scope changed in 2009) . . . . .	5171	595.0	2.4	1.7	1.2	0.5	0.8
Wireless telecommunications carriers (except satellite) . . . . .	5172	174.9	0.9	0.5	0.3	0.2	0.3
Satellite telecommunications . . . . .	5174	11.7	0.2	0.1	( <sup>10</sup> )	--	( <sup>10</sup> )
Other telecommunications (scope changed in 2009) . . . . .	5179	119.6	2.2	1.5	1.0	0.5	0.7
Data processing, hosting, and related services (scope changed in 2009) . . . . .	518	244.2	0.6	0.3	0.2	0.1	0.4
Data processing, hosting, and related services . . . . .	5182	244.2	0.6	0.3	0.2	0.1	0.4
Other information services (scope changed in 2009) . . . . .	519	149.4	0.6	0.3	0.2	0.1	0.3
Other information services (scope changed in 2009) . . . . .	5191	149.4	0.6	0.3	0.2	0.1	0.3
News syndicates . . . . .	51911	12.1	0.4	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.3
Libraries and archives . . . . .	51912	27.9	1.8	1.1	0.7	--	0.7
Internet publishing and broadcasting and web search portals (added in 2009) . . . . .	51913	98.5	0.4	0.2	0.1	0.1	0.2
All other information services . . . . .	51919	10.9	1.2	0.3	0.3	( <sup>10</sup> )	1.0
<b>Financial activities . . . . .</b>		7,505.6	1.4	0.6	0.4	0.2	0.7
<b>Finance and insurance . . . . .</b>	52	5,543.4	0.8	0.3	0.2	0.1	0.6
Monetary authorities - central bank . . . . .	521	20.9	1.0	0.4	0.3	( <sup>10</sup> )	0.6
Credit intermediation and related activities . . . . .	522	2,549.2	1.1	0.3	0.3	0.1	0.7
Depository credit intermediation . . . . .	5221	1,736.3	1.2	0.4	0.3	0.1	0.8
Commercial banking . . . . .	52211	1,307.9	1.2	0.4	--	0.1	0.8
Savings institutions . . . . .	52212	183.2	--	0.6	0.4	0.2	0.7
Credit unions . . . . .	52213	230.1	--	0.4	0.4	( <sup>10</sup> )	--

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Other depository credit intermediation . . . . .	52219	15.1	0.2	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.1
Nondepository credit intermediation . . . . .	5222	558.0	0.6	0.2	0.1	( <sup>10</sup> )	0.4
Credit card issuing . . . . .	52221	100.7	0.6	0.2	0.1	( <sup>10</sup> )	0.4
Sales financing . . . . .	52222	78.8	0.4	0.1	0.1	( <sup>10</sup> )	0.3
Other nondepository credit intermediation . . . . .	52229	378.5	0.6	0.2	0.1	( <sup>10</sup> )	0.5
Activities related to credit intermediation . . . . .	5223	254.9	1.0	0.3	0.2	0.1	0.7
Mortgage and nonmortgage loan brokers . . . . .	52231	61.2	0.4	0.1	0.1	--	0.3
Financial transactions processing, reserve, and clearinghouse activities . . . . .	52232	107.5	1.4	0.4	0.3	0.1	1.0
Other activities related to credit intermediation . . . . .	52239	86.2	0.9	0.3	0.3	0.1	0.6
Securities, commodity contracts, and other financial investments and related activities . . . . .	523	822.8	--	0.1	0.1	( <sup>10</sup> )	0.2
Securities and commodity contracts intermediation and brokerage . . . . .	5231	464.7	0.2	0.1	( <sup>10</sup> )	( <sup>10</sup> )	0.1
Investment banking and securities dealing . . . . .	52311	156.8	0.2	0.1	0.1	( <sup>10</sup> )	0.1
Securities brokerage . . . . .	52312	281.9	0.2	( <sup>10</sup> )	( <sup>10</sup> )	--	0.1
Securities and commodity exchanges . . . . .	5232	7.6	0.4	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.2
Other financial investment activities . . . . .	5239	350.6	--	0.1	0.1	( <sup>10</sup> )	0.3
Portfolio management . . . . .	52392	136.9	0.6	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	0.6
Investment advice . . . . .	52393	146.3	0.2	0.1	0.1	--	0.1
All other financial investment activities . . . . .	52399	42.4	0.4	0.1	0.1	( <sup>10</sup> )	0.3
Insurance carriers and related activities . . . . .	524	2,065.9	0.7	0.2	0.2	( <sup>10</sup> )	0.5
Insurance carriers . . . . .	5241	1,178.1	0.9	0.3	0.2	0.1	0.7
Direct life, health, and medical insurance carriers . . . . .	52411	614.3	1.0	0.3	0.2	0.1	0.7
Direct insurance (except life, health, and medical) carriers . . . . .	52412	535.6	0.9	0.3	0.3	( <sup>10</sup> )	0.6
Reinsurance carriers . . . . .	52413	28.2	0.8	0.3	0.3	( <sup>10</sup> )	0.5
Agencies, brokerages, and other insurance related activities . . . . .	5242	887.8	0.5	0.2	0.1	( <sup>10</sup> )	0.3
Insurance agencies and brokerages . . . . .	52421	650.4	0.3	0.1	0.1	( <sup>10</sup> )	0.2
Other insurance related activities . . . . .	52429	237.4	1.0	0.4	0.3	0.1	0.6
Funds, trusts, and other financial vehicles . . . . .	525	84.6	0.6	0.2	0.1	0.1	0.4
Insurance and employee benefit funds . . . . .	5251	44.8	0.7	0.2	0.1	( <sup>10</sup> )	0.6
Other insurance funds . . . . .	52519	19.5	0.9	0.4	0.3	0.1	0.6
Other investment pools and funds . . . . .	5259	39.7	0.6	0.3	0.2	0.1	0.2
Open-end investment funds . . . . .	52591	21.2	0.3	0.2	0.1	--	0.2
<b>Real estate and rental and leasing . . . . .</b>	<b>53</b>	<b>1,962.2</b>	<b>3.0</b>	<b>1.7</b>	<b>1.1</b>	<b>0.6</b>	<b>1.3</b>
Real estate (scope changed in 2009) . . . . .	531	1,430.4	2.8	1.6	1.1	0.5	1.2
Lessors of real estate (scope changed in 2009) . . . . .	5311	579.4	3.6	2.0	1.3	--	1.6

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Lessors of residential buildings and dwellings (scope changed in 2009) . . . . .	53111	356.3	4.3	2.3	1.7	0.6	2.0
Lessors of nonresidential buildings (except miniwarehouses) (scope changed in 2009) . . . . .	53112	137.3	2.3	0.9	0.7	0.2	1.4
Lessors of miniwarehouses and self-storage units (scope changed in 2009) . . . . .	53113	45.5	2.4	1.8	0.2	1.5	0.7
Lessors of other real estate property (scope changed in 2009) . . . . .	53119	40.3	3.2	2.7	0.6	--	0.5
Offices of real estate agents and brokers . . . . .	5312	288.1	--	0.6	0.5	0.1	0.5
Activities related to real estate . . . . .	5313	562.9	2.8	1.6	1.2	0.5	1.1
Real estate property managers . . . . .	53131	485.5	3.0	1.8	1.3	0.5	1.3
Offices of real estate appraisers . . . . .	53132	37.2	1.3	1.0	0.6	0.4	0.3
Other activities related to real estate . . . . .	53139	40.3	0.6	0.4	0.4	--	0.2
Rental and leasing services . . . . .	532	506.4	3.7	2.2	1.1	1.1	1.5
Automotive equipment rental and leasing . . . . .	5321	166.5	2.9	1.4	0.9	0.5	--
Passenger car rental and leasing . . . . .	53211	111.5	2.3	1.3	0.9	0.4	0.9
Truck, utility trailer, and rv (recreational vehicle) rental and leasing . . . . .	53212	55.0	--	1.5	0.8	0.7	--
Consumer goods rental . . . . .	5322	182.8	4.8	3.1	1.4	--	--
Consumer electronics and appliances rental . . . . .	53221	27.4	8.6	4.5	1.5	3.0	4.1
Formal wear and costume rental . . . . .	53222	10.3	1.4	0.9	0.7	--	--
Other consumer goods rental . . . . .	53229	99.7	5.2	3.6	1.7	1.9	1.5
General rental centers . . . . .	5323	40.4	3.8	2.3	1.1	1.2	1.5
Construction, transportation, mining, and forestry machinery and equipment rental and leasing . . . . .	53241	61.6	--	2.6	1.4	1.2	1.0
Other commercial and industrial machinery and equipment rental and leasing . . . . .	53249	47.1	3.4	1.4	0.5	0.9	2.1
Lessors of nonfinancial intangible assets (except copyrighted works) . . . . .	533	25.4	0.6	0.2	0.2	--	0.4
<b>Professional and business services . . . . .</b>		17,299.2	1.7	0.8	0.5	0.3	0.9
<b>Professional, scientific, and technical services . . . . .</b>	54	7,711.7	1.0	0.4	0.3	0.1	0.7
Professional, scientific, and technical services (scope changed in 2009) . . . . .	541	7,711.7	1.0	0.4	0.3	0.1	0.7
Legal services . . . . .	5411	1,137.5	0.4	0.2	0.2	( <sup>10</sup> )	0.2
Other accounting services . . . . .	541219	239.3	0.7	0.2	0.1	0.1	0.5
Architectural, engineering, and related services . . . . .	5413	1,295.9	1.0	0.4	0.3	0.1	0.6
Architectural services . . . . .	54131	156.8	0.3	0.1	0.1	--	0.2
Engineering services . . . . .	54133	875.8	1.0	0.4	0.3	0.1	0.6
Drafting services . . . . .	54134	7.7	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Geophysical surveying and mapping services . . . . .	54136	15.7	1.2	0.3	--	--	0.9

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Testing laboratories . . . . .	54138	148.9	1.4	0.7	0.3	0.4	0.7
Specialized design services . . . . .	5414	119.2	1.0	0.3	0.2	--	0.8
Computer systems design and related services . . . . .	5415	1,513.8	0.4	0.2	0.1	0.1	0.2
Computer systems design and related services . . . . .	54151	1,513.8	0.4	0.2	0.1	0.1	0.2
Custom computer programming services . . . . .	541511	657.1	0.3	0.1	0.1	--	0.2
Computer systems design services . . . . .	541512	694.7	0.3	0.2	0.1	0.1	0.1
Computer facilities management services . . . . .	541513	51.7	1.2	0.7	0.6	0.1	0.5
Other computer related services . . . . .	541519	110.3	0.8	0.2	0.2	( <sup>10</sup> )	0.6
Management, scientific, and technical consulting services (scope changed in 2009) . . . . .	5416	1,090.2	--	0.3	0.2	0.1	--
Environmental consulting services . . . . .	54162	79.0	0.8	0.4	0.4	( <sup>10</sup> )	0.5
Other scientific and technical consulting services . . . . .	54169	177.1	0.7	0.3	0.2	0.1	0.4
Scientific research and development services . . . . .	5417	628.3	1.1	0.5	0.3	0.2	0.7
Advertising and related services . . . . .	5418	422.1	1.0	0.5	0.3	0.2	0.5
Other professional, scientific, and technical services . . . . .	5419	595.2	5.7	1.5	--	--	4.2
Marketing research and public opinion polling . . . . .	54191	104.7	0.3	0.1	--	--	0.2
Photographic services . . . . .	54192	69.8	2.1	0.4	0.3	--	1.7
Translation and interpretation services . . . . .	54193	21.7	0.4	0.3	--	--	--
All other professional, scientific, and technical services . . . . .	54199	100.0	1.5	0.9	0.6	0.3	0.6
<b>Management of companies and enterprises . . . . .</b>	<b>55</b>	<b>1,919.9</b>	<b>1.4</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.8</b>
<b>Administrative and support and waste management and remediation services . . . . .</b>	<b>56</b>	<b>7,667.6</b>	<b>2.7</b>	<b>1.5</b>	<b>1.0</b>	<b>0.5</b>	<b>1.2</b>
Administrative and support services (scope changed in 2009) . . . . .	561	7,303.0	2.5	1.4	1.0	0.4	1.2
Facilities support services . . . . .	5612	135.6	3.7	1.9	1.1	0.7	1.8
Employment services (scope changed in 2009) . . . . .	5613	2,863.5	2.0	1.0	0.7	0.3	1.0
Employment placement agencies (scope changed in 2009) . . . . .	56131	263.7	1.2	0.5	0.3	0.1	0.7
Temporary help services . . . . .	56132	2,212.7	1.9	0.9	0.6	0.3	1.0
Business support services . . . . .	5614	804.5	1.2	0.6	0.4	--	0.5
Telephone call centers . . . . .	56142	422.0	1.2	0.4	0.3	0.1	0.8
Business service centers . . . . .	56143	83.5	0.8	0.6	0.3	0.2	0.2
Collection agencies . . . . .	56144	145.5	0.9	0.5	0.3	0.2	0.4
Travel arrangement and reservation services . . . . .	5615	192.8	1.3	0.6	0.4	0.2	0.7
Travel agencies . . . . .	56151	84.9	0.4	0.2	0.1	--	0.3
Tour operators . . . . .	56152	25.1	0.9	0.5	0.4	( <sup>10</sup> )	0.4
Other travel arrangement and reservation services . . . . .	56159	82.8	2.4	1.1	0.7	0.4	1.3

See footnotes at end of table.



**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Investigation and security services .....	5616	814.4	1.9	1.1	0.9	0.3	0.7
Investigation, guard, and armored car services .....	56161	699.7	1.9	1.2	0.9	0.3	0.7
Investigation services .....	561611	38.5	2.5	1.9	0.9	--	0.6
Security guards and patrol services .....	561612	631.0	1.7	1.0	0.8	0.2	0.7
Armored car services .....	561613	30.2	5.0	3.3	2.1	1.2	1.7
Security systems services .....	56162	114.7	1.7	0.9	0.6	0.3	0.8
Services to buildings and dwellings .....	5617	1,778.3	4.1	2.3	1.6	0.7	1.8
Exterminating and pest control services .....	56171	95.5	5.1	2.5	2.0	0.5	--
Janitorial services .....	56172	943.5	3.3	2.0	1.4	0.6	1.3
Landscaping services .....	56173	618.1	5.0	2.8	1.8	0.9	2.2
Carpet and upholstery cleaning services .....	56174	42.8	3.5	2.6	1.9	--	1.0
Other services to buildings and dwellings .....	56179	78.4	--	2.9	2.3	0.6	--
Other support services .....	5619	286.4	2.7	1.4	0.9	0.6	1.3
Waste management and remediation services .....	562	364.6	4.9	3.0	2.0	1.0	1.9
Waste collection .....	5621	143.3	6.3	3.9	2.9	1.1	2.4
Waste collection .....	56211	143.3	6.3	3.9	2.9	1.1	2.4
Solid waste collection .....	562111	123.3	6.3	4.1	3.0	1.1	--
Hazardous waste collection .....	562112	9.2	3.8	1.8	1.4	0.4	1.9
Other waste collection .....	562119	10.9	8.3	3.2	2.5	0.7	5.1
Waste treatment and disposal .....	5622	96.4	3.9	2.6	1.7	0.9	1.3
Waste treatment and disposal .....	56221	96.4	3.9	2.6	1.7	0.9	1.3
Hazardous waste treatment and disposal .....	562211	37.1	3.0	1.4	0.8	0.5	1.6
Solid waste landfill .....	562212	38.7	4.8	3.7	2.4	1.3	1.1
Solid waste combustors and incinerators .....	562213	5.8	2.5	1.4	0.4	1.0	1.1
Other nonhazardous waste treatment and disposal .....	562219	14.8	4.2	2.9	2.1	0.8	1.3
Remediation and other waste management services .....	5629	124.9	4.1	2.3	1.4	1.0	1.8
Remediation services .....	56291	77.6	--	1.8	1.0	0.8	1.9
Materials recovery facilities .....	56292	13.5	5.4	3.5	1.9	1.7	1.9
All other waste management services .....	56299	33.9	4.3	2.9	1.9	1.0	1.4
<b>Education and health services .....</b>		<b>19,065.4</b>	<b>4.7</b>	<b>2.1</b>	<b>1.3</b>	<b>0.9</b>	<b>2.5</b>
<b>Educational services .....</b>	<b>61</b>	<b>2,580.1</b>	<b>2.1</b>	<b>0.9</b>	<b>0.6</b>	<b>0.3</b>	<b>1.2</b>
Educational services .....	611	2,580.1	2.1	0.9	0.6	0.3	1.2
Elementary and secondary schools .....	6111	686.7	2.8	1.1	0.7	0.4	1.8

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Junior colleges . . . . .	6112	55.6	1.2	0.4	0.3	0.1	0.8
Colleges, universities, and professional schools . . . . .	6113	1,191.2	2.1	0.9	0.6	0.3	1.2
Business schools and computer and management training . . . . .	6114	81.8	0.5	0.2	0.2	( <sup>10</sup> )	0.3
Business and secretarial schools . . . . .	61141	17.4	0.8	0.2	0.2	( <sup>10</sup> )	0.6
Computer training . . . . .	61142	16.5	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )	( <sup>10</sup> )
Professional and management development training . . . . .	61143	47.9	0.5	0.3	0.2	( <sup>10</sup> )	0.3
Technical and trade schools . . . . .	6115	129.0	1.2	0.4	0.3	0.1	0.7
Fine arts schools . . . . .	61161	72.7	0.3	0.1	0.1	( <sup>10</sup> )	--
All other schools and instruction . . . . .	61169	150.9	1.3	0.7	0.4	0.4	0.6
Educational support services . . . . .	6117	112.6	1.1	0.5	0.4	0.1	0.5
<b>Health care and social assistance . . . . .</b>	<b>62</b>	<b>16,485.3</b>	<b>5.0</b>	<b>2.3</b>	<b>1.4</b>	<b>1.0</b>	<b>2.7</b>
Ambulatory health care services . . . . .	621	6,116.5	2.7	0.9	0.7	0.3	1.7
Offices of physicians . . . . .	6211	2,362.8	2.1	0.4	0.3	0.1	1.7
Offices of physicians . . . . .	62111	2,362.8	2.1	0.4	0.3	0.1	1.7
Offices of physicians (except mental health specialists) . . . . .	621111	2,315.0	2.1	0.4	0.3	0.1	1.7
Offices of physicians, mental health specialists . . . . .	621112	47.8	1.3	0.4	0.4	0.1	0.8
Offices of dentists . . . . .	6212	842.0	1.5	0.4	0.3	( <sup>10</sup> )	1.2
Offices of other health practitioners . . . . .	6213	692.1	1.2	0.6	0.4	0.2	0.6
Outpatient care centers . . . . .	6214	611.2	4.0	1.2	0.9	0.3	2.8
Medical and diagnostic laboratories . . . . .	6215	235.0	2.1	0.7	0.4	0.3	1.4
Home health care services . . . . .	6216	1,116.9	3.8	2.0	1.4	0.6	1.8
Other ambulatory health care services . . . . .	6219	256.4	7.4	3.8	2.5	1.4	3.5
Ambulance services . . . . .	62191	155.1	9.7	5.2	3.7	1.5	4.4
All other ambulatory health care services . . . . .	62199	101.3	4.3	1.9	0.8	1.1	2.3
Hospitals . . . . .	622	4,689.3	6.8	2.7	1.6	1.1	4.1
General medical and surgical hospitals . . . . .	6221	4,381.9	6.8	2.7	1.6	1.1	4.1
Psychiatric and substance abuse hospitals . . . . .	6222	101.3	7.7	3.9	2.3	1.6	3.9
Specialty (except psychiatric and substance abuse) hospitals . . . . .	6223	206.0	6.3	2.8	1.5	1.3	3.5
Nursing and residential care facilities . . . . .	623	3,151.9	7.8	4.7	2.5	2.2	3.1
Nursing care facilities . . . . .	6231	1,662.5	8.2	5.3	2.8	2.6	2.9
Residential mental retardation, mental health and substance abuse facilities . . . . .	6232	569.9	6.8	3.6	2.1	1.5	3.2
Community care facilities for the elderly . . . . .	6233	758.9	7.8	4.4	2.2	2.2	3.4
Other residential care facilities . . . . .	6239	160.7	7.6	3.4	2.0	1.4	4.2
Social assistance . . . . .	624	2,527.6	3.6	1.9	1.2	0.7	1.7

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Individual and family services . . . . .	6241	1,254.8	3.7	1.8	1.3	0.5	1.9
Child and youth services . . . . .	62411	172.9	4.0	1.6	1.2	0.4	2.4
Services for the elderly and persons with disabilities . . . . .	62412	705.0	4.0	2.2	1.6	0.6	1.8
Other individual and family services . . . . .	62419	376.9	3.0	1.2	0.8	0.3	1.9
Community food and housing, and emergency and other relief services . . . . .	6242	145.1	4.0	2.0	1.4	0.6	2.1
Community food services . . . . .	62421	29.5	--	3.1	2.7	0.4	3.8
Community housing services . . . . .	62422	88.6	3.6	1.8	1.2	0.6	1.8
Emergency and other relief services . . . . .	62423	27.0	2.9	1.5	0.9	0.6	1.5
Vocational rehabilitation services . . . . .	6243	331.8	6.2	3.4	1.7	1.7	2.8
Child day care services . . . . .	6244	795.8	2.3	1.4	0.9	0.5	1.0
<b>Leisure and hospitality . . . . .</b>		<b>13,514.8</b>	<b>4.0</b>	<b>1.6</b>	<b>1.0</b>	<b>0.6</b>	<b>2.4</b>
<b>Arts, entertainment, and recreation . . . . .</b>	<b>71</b>	<b>2,065.6</b>	<b>4.5</b>	<b>2.2</b>	<b>1.2</b>	<b>0.9</b>	<b>2.4</b>
Performing arts, spectator sports, and related industries . . . . .	711	408.5	6.0	2.4	1.4	0.9	3.7
Performing arts companies . . . . .	7111	110.9	7.7	2.6	1.9	0.7	5.1
Spectator sports . . . . .	7112	128.8	9.1	4.0	2.2	1.8	--
Spectator sports . . . . .	71121	128.8	9.1	4.0	2.2	1.8	--
Sports teams and clubs . . . . .	711211	70.0	--	6.1	2.8	3.3	--
Racetracks . . . . .	711212	36.9	6.0	2.0	1.5	0.5	3.9
Other spectator sports . . . . .	711219	21.8	3.0	1.6	--	0.1	1.4
Promoters of performing arts, sports, and similar events . . . . .	7113	96.4	3.8	1.4	1.0	0.4	2.5
Agents and managers for artists, athletes, entertainers, and other public figures . . . . .	7114	20.1	0.5	0.2	0.2	( <sup>10</sup> )	0.3
Independent artists, writers, and performers . . . . .	7115	52.4	1.0	0.3	0.2	0.1	0.7
Museums, historical sites, and similar institutions . . . . .	712	129.7	4.5	2.3	1.5	0.8	2.3
Amusement, gambling, and recreation industries . . . . .	713	1,527.4	4.1	2.1	1.2	0.9	2.1
Amusement parks and arcades . . . . .	7131	170.3	6.3	4.4	1.2	3.2	1.9
Amusement and theme parks . . . . .	71311	151.9	6.7	4.7	1.3	3.4	2.0
Amusement arcades . . . . .	71312	18.4	1.5	0.6	0.4	--	0.9
Gambling industries . . . . .	7132	256.2	4.5	2.2	1.2	1.0	2.3
Other amusement and recreation industries . . . . .	7139	1,100.9	3.6	1.6	1.1	0.5	2.0
Golf courses and country clubs . . . . .	71391	337.6	4.5	1.9	1.3	0.6	2.6
Skiing facilities . . . . .	71392	36.2	11.5	6.9	3.6	3.3	4.7
Marinas . . . . .	71393	30.7	5.3	3.8	3.4	0.4	1.5
Fitness and recreational sports centers . . . . .	71394	493.8	2.3	1.1	0.8	0.3	1.3

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Bowling centers .....	71395	69.0	2.3	0.7	0.5	0.2	1.6
All other amusement and recreation industries .....	71399	133.6	--	0.8	0.6	0.3	--
<b>Accommodation and food services .....</b>	<b>72</b>	<b>11,449.2</b>	<b>3.9</b>	<b>1.5</b>	<b>1.0</b>	<b>0.5</b>	<b>2.4</b>
Accommodation .....	721	1,830.1	5.1	2.8	1.5	1.3	2.3
Traveler accommodation .....	7211	1,765.5	5.1	2.8	1.5	1.3	2.3
Hotels (except casino hotels) and motels .....	72111	1,436.0	5.4	3.0	1.7	1.3	2.4
Casino hotels .....	72112	303.2	4.1	2.3	1.0	1.2	1.8
Other traveler accommodation .....	72119	26.4	4.7	2.0	1.4	0.6	--
Rv (recreational vehicle) parks and recreational camps .....	7212	53.6	5.7	2.9	2.1	0.8	2.8
Rv (recreational vehicle) parks and recreational camps .....	72121	53.6	5.7	2.9	2.1	0.8	2.8
Rv (recreational vehicle) parks and campgrounds .....	721211	25.6	6.1	4.2	3.7	0.5	1.9
Recreational and vacation camps (except campgrounds) .....	721214	28.1	5.3	1.6	0.6	1.0	3.7
Food services and drinking places .....	722	9,619.1	3.6	1.2	0.8	0.3	2.4
Full-service restaurants .....	7221	4,584.1	3.4	1.0	0.7	0.3	2.4
Limited-service eating places .....	7222	4,134.7	3.6	1.2	0.9	0.3	2.4
Limited-service eating places .....	72221	4,134.7	3.6	1.2	0.9	0.3	2.4
Limited-service restaurants .....	722211	3,525.8	3.7	1.2	0.9	0.4	2.5
Cafeterias, grill buffets, and buffets .....	722212	134.4	3.2	1.5	0.6	0.8	1.7
Snack and nonalcoholic beverage bars .....	722213	474.4	3.0	1.1	0.9	0.2	1.9
Special food services .....	7223	548.6	5.4	2.6	1.6	1.0	--
Drinking places (alcoholic beverages) .....	7224	351.8	1.8	0.7	0.6	0.1	1.1
<b>Other services .....</b>		<b>3,803.0</b>	<b>2.6</b>	<b>1.3</b>	<b>0.9</b>	<b>0.4</b>	<b>1.2</b>
<b>Other services, except public administration .....</b>	<b>81</b>	<b>3,803.0</b>	<b>2.6</b>	<b>1.3</b>	<b>0.9</b>	<b>0.4</b>	<b>1.2</b>
Repair and maintenance .....	811	1,174.2	3.2	1.7	1.3	0.4	1.5
Automotive repair and maintenance .....	8111	821.3	2.9	1.6	1.3	0.3	1.3
Electronic and precision equipment repair and maintenance .....	8112	99.2	1.2	0.8	0.6	0.2	0.4
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	8113	183.4	5.2	2.4	1.7	0.7	2.8
Personal and laundry services .....	812	1,298.4	2.4	1.4	0.8	0.5	1.0
Death care services .....	8122	132.9	--	1.3	0.8	0.5	--
Drycleaning and laundry services .....	8123	302.2	3.6	2.3	1.1	1.2	1.2

See footnotes at end of table.

Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued

## All United States

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Drycleaning and laundry services (except coin-operated) . . . . .	81232	146.2	1.9	1.1	0.7	0.4	0.8
Linen and uniform supply . . . . .	81233	121.3	5.7	4.0	1.7	2.3	1.7
Linen supply . . . . .	812331	68.9	6.2	4.2	2.0	2.2	2.0
Industrial launderers . . . . .	812332	52.4	5.0	3.7	1.2	2.6	1.3
Other personal services . . . . .	8129	247.0	3.1	1.7	1.2	0.5	1.3
Pet care (except veterinary) services . . . . .	81291	66.7	5.2	2.0	1.7	0.3	3.2
Photofinishing . . . . .	81292	14.7	1.8	0.7	--	0.4	1.0
Parking lots and garages . . . . .	81293	115.5	2.7	1.8	1.1	0.7	0.8
All other personal services . . . . .	81299	50.1	2.1	1.6	--	--	0.5
Religious, grantmaking, civic, professional, and similar organizations . . . . .	813	1,330.4	2.0	0.8	0.5	0.3	1.2
<b>State and local government</b> . . . . .		18,486.7	5.7	2.5	1.9	0.6	3.2
<b>State government</b> . . . . .		4,807.9	4.6	2.3	1.8	0.5	2.3
<b>Goods-producing<sup>6</sup></b> . . . . .		77.9	3.8	1.9	1.5	0.3	1.9
<b>Construction</b> . . . . .		74.8	3.8	1.9	1.6	0.3	1.9
<b>Construction</b> . . . . .	23	74.8	3.8	1.9	1.6	0.3	1.9
<b>Service-providing</b> . . . . .		4,730.0	4.6	2.3	1.8	0.5	2.3
<b>Education and health services</b> . . . . .		2,670.6	4.4	2.1	1.5	0.5	2.3
<b>Educational services</b> . . . . .	61	2,055.1	2.6	1.0	0.7	0.3	1.6
Educational services . . . . .	611	2,055.1	2.6	1.0	0.7	0.3	1.6
Colleges, universities, and professional schools . . . . .	6113	1,693.2	2.6	1.0	0.7	0.4	1.6
<b>Health care and social assistance</b> . . . . .	62	615.5	8.7	4.7	3.7	1.0	4.0
Hospitals . . . . .	622	339.9	9.2	4.8	3.6	1.2	4.4
Nursing and residential care facilities . . . . .	623	139.6	13.1	7.4	5.9	1.5	5.7
<b>Public administration</b> . . . . .		1,898.7	4.8	2.4	2.0	--	2.4

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
<b>Public administration</b> .....	92	1,898.7	4.8	2.4	2.0	--	2.4
Justice, public order, and safety activities .....	922	751.7	7.6	4.1	3.4	--	3.5
Justice, public order, and safety activities .....	9221	751.7	7.6	4.1	3.4	--	3.5
<b>Local government</b> .....		13,678.9	6.1	2.6	1.9	0.7	3.5
<b>Goods-producing<sup>6</sup></b> .....		107.4	8.7	4.7	3.2	1.5	4.0
<b>Construction</b> .....		106.4	8.7	4.7	3.2	1.5	4.0
<b>Construction</b> .....	23	106.4	8.7	4.7	3.2	1.5	4.0
Heavy and civil engineering construction .....	237	103.8	8.8	4.8	3.2	1.5	4.0
<b>Service-providing</b> .....		13,571.4	6.1	2.6	1.9	0.7	3.5
<b>Trade, transportation, and utilities<sup>9</sup></b> .....		508.2	6.7	4.0	3.0	1.0	2.7
<b>Transportation and warehousing<sup>9</sup></b> .....	48-49	266.0	7.3	4.6	3.9	0.7	2.6
Transit and ground passenger transportation .....	485	215.6	7.4	5.0	4.4	0.6	2.5
<b>Utilities</b> .....	22	238.9	6.2	3.5	2.1	1.4	2.7
Utilities .....	221	238.9	6.2	3.5	2.1	1.4	2.7
Water, sewage and other systems .....	2213	161.3	6.1	3.6	2.2	1.4	2.5
<b>Education and health services</b> .....		8,590.8	5.1	1.8	1.3	0.5	3.3
<b>Educational services</b> .....	61	7,688.2	4.9	1.6	1.2	0.4	3.2
Educational services .....	611	7,688.2	4.9	1.6	1.2	0.4	3.2
Elementary and secondary schools .....	6111	7,126.5	5.0	1.7	1.2	0.4	3.3
<b>Health care and social assistance</b> .....	62	902.6	6.4	2.6	1.7	0.9	3.8

See footnotes at end of table.

**Table 10. Incidence Rates<sup>1</sup> of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types, 2011 -- Continued**

**All United States**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	2011 Average annual employment <sup>4</sup> (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work <sup>5</sup>	Cases with job transfer or restriction	
Hospitals .....	622	649.0	6.8	2.4	1.6	0.8	4.4
Nursing and residential care facilities .....	623	77.2	10.2	7.1	3.8	--	3.1
<b>Public administration .....</b>		3,950.9	7.9	3.8	2.8	1.0	4.0
<b>Public administration .....</b>	92	3,950.9	7.9	3.8	2.8	1.0	4.0
Justice, public order, and safety activities .....	922	985.7	10.3	5.6	4.7	0.8	4.7
Justice, public order, and safety activities .....	9221	985.7	10.3	5.6	4.7	0.8	4.7
Police protection .....	92212	439.5	11.3	5.8	4.9	0.9	5.4
Fire protection .....	92216	235.4	13.5	8.6	7.7	0.9	4.9

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
EH = total hours worked by all employees during the calendar year  
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* 2007 Edition

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

<sup>5</sup> Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

<sup>6</sup> Excludes farms with fewer than 11 employees.

<sup>7</sup> Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2007) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>9</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>10</sup> Data too small to be displayed.

NOTE: Because of rounding, components may not add to totals. Dash indicates data do not meet publication guidelines.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

# **Appendices**



# **Appendix A**

## Census of Fatal Occupational Injuries (CFOI): Definitions

### **Traumatic injury:**

A **traumatic injury** is defined as any wound or damage to the body resulting from acute exposure to energy, such as heat, electricity, or impact from a crash or fall, or from the absence of such essentials as heat or oxygen, caused by a specific event or incident within a single workday or shift. Included are open wounds, intracranial and internal injuries, heatstroke, hypothermia, asphyxiation, acute poisonings resulting from short-term exposures limited to the worker's shift, suicides and homicides, and work injuries listed as underlying or contributory causes of death. Heart attacks and strokes are considered illnesses and therefore excluded from CFOI unless a traumatic injury contributed to the death.

### **Work-relationship criteria:**

A **work-relationship** exists if an event or exposure results in the fatal injury or illness of a person:

- (1) ON the employer's premises and the person was there to work; or
- (2) OFF the employer's premises and the person was there to work, or the event or exposure was related to the person's work or status as an employee.

The employer's premises includes buildings, grounds, parking lots, and other facilities and property used in the conduct of business. Work is defined as duties, activities, or tasks that produce a product or result that are done in exchange for money, goods, services, profit, or benefit and, that are legal activities in the United States.

The following are clarifications of the CFOI work-relationship criteria:

**Volunteer workers:** Fatalities to volunteer workers who are exposed to the same work hazards and perform the same duties or functions as paid employees and that meet the CFOI work-relationship criteria are IN scope.

**Institutionalized persons:** Fatalities to institutionalized persons, including inmates of penal and mental institutions, sanitariums, and homes for the aged, infirm and needy, are OUT of scope unless they are employed off the premises of their institutions.

**Suicides and homicides** that meet the CFOI work-relationship criteria are IN scope.

**Recreational activities:** Fatal events or exposures that occurred during a person's recreational activities that were not required by the person's employer, are OUT of scope.

**Travel status:** Fatal events or exposures that occurred when a person was in travel status are IN scope if the travel was for work purposes or was a condition of employment.

**Commuting:** Fatal events or exposures that occur during a person's normal commute to or from work are OUT of scope, unless the incident occurred on the employer's premises.

**Off-duty police:** Homicides occurring to off-duty police officers are generally IN scope. Other fatalities to off-duty police are IN scope if they are performing a police-related function, such as directing traffic at the scene of an accident or rescuing someone from a fire.

**Undocumented workers:** Fatalities to undocumented workers are IN scope provided they meet the other work-relationship criteria.

SOURCE: "Census of Fatal Occupational Injuries: Definitions." U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries. Received from the Web site: <http://bls.gov/iif/oshcfdef.htm>

## **Appendix B**

## Technical Notes

### Scope of Survey:

The Survey of Occupational Injuries and Illnesses (SOII) was composed of selected employers in the State of Tennessee who had 11 or more employees and employers with 10 or fewer employees who had been pre-notified to keep records for participation in the surveyed year(s). The survey relates to employers in the following industry divisions.

#### **Goods Producing**

Natural Resources and Mining  
Construction  
Manufacturing

#### **Service Providing**

Trade, Transportation, and Utilities  
Information  
Financial Activities  
Professional and Business Services  
Education and Health Services  
Leisure and Hospitality  
State and Local Government

All classes of employees (part-time, full-time, casual, salaried, etc.) in these industries were covered. Excluded were self-employed individuals, private households, federal government employees, and farms employing fewer than 11 employees. The Mine Safety and Health Administration, U.S. Department of Labor, provided data conforming to the OSHA definitions from employers covered by the Mine Safety and Health Acts. Data for railroad employees were provided by the Federal Railroad Administration, U.S. Department of Transportation.

Questionnaires were mailed to 5,000 sample units for 2011 data. A number of these units were excluded because they were no longer in operation, were not within the scope of the survey, were included in the report for other locations, received duplicate survey forms for the same location, or because the survey itself was not mailable due to an inadequate address. The original and follow-up mailings and telephone calls resulted in approximately 850 fewer usable samples.

### Estimating Procedures:

Estimates of injury and illness data were obtained for each sampling industry by weighing the data of each reporting unit by the inverse of the sampling ratio of the cell in each industry employment size group (i.e., sampling cell). Each of these sampling cells was adjusted for non-response. The aggregate data for the industry were then adjusted for new businesses in the industry by benchmarking, a form of ratio estimation.

### Industrial classification:

Reporting units are classified into industries on the basis of their principal product or activity. For a reporting unit making more than one product or engaging in more than one activity, data for the unit are included in the industry indicated by the more important product or activity for the company. The data were tabulated according to the *North American Industrial Classification System* (NAICS), 2007 edition.

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